PatBase - Search results 23 July 2021
Search query (3): FT=(motorcycle~ and mechanism~ and saddle or seat~ and lock~)
Results: 7807

Search history

Search 1: FT=(fork~ riding~ and vehicle~ or motorcycle~ and closing~ and opening~ and mechanism~ and saddle~) (Results 0)

Search 2: FT=(fork~ riding~ motorcycle~ and mechanism~ and saddle or seat~ and lock~) (Results 0)

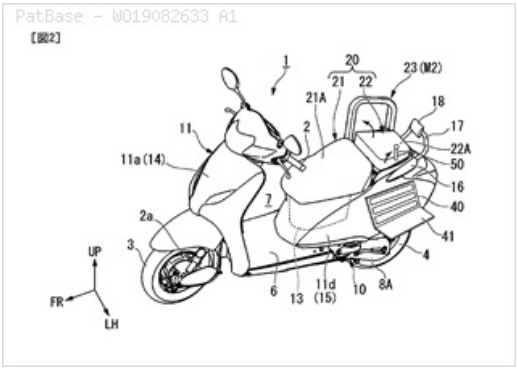
Search 3: FT=(motorcycle~ and mechanism~ and saddle or seat~ and lock~) (Results 7807)

1) Family number: 74181091 (WO19082633 A1)

Title: SADDLED VEHICLE

Abstract: An automatic two-wheeled vehicle (1) having a side backrest (23) provided to a rear **seat** (22) for **seating** a co-rider (B). The side backrest (23) can be varied between a first state (M1) of forming a **seating** surface on the rear **seat** (22) and a second state (M2) in which the side backrest (23) is deployed from the first state (M1) to the left side or to the right side so as to be raised above the **seating** surface.

Classifications:
International (IPC 8-9): B60G3/04 B60K17/00 B62J1/28 B62J21/00 B62J25/00
CPC: B62J1/28



Family:

Publication number	Publication date	Application number	Application date
IN201741038166 A	20190503	IN201741038166	20171027
JP2019082633 A1	20200416	JP20190550948T	20181009
JP6755413 B1	20200916	JP20190550948T	20181009
WO19082633 A1	20190502	WO2018JP37530	20181009

Priority:
IN201741038166 20171027 WO2018JP37530 20181009

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KHAN AZEEM ; KUMAR DEEPAK ; KUMAR NITIN
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

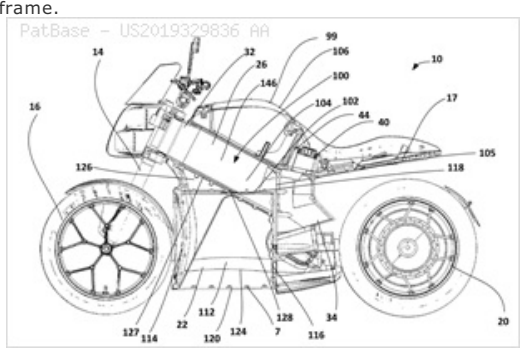
Patent	Date recorded	Event group	Code	Event	Details
IN201741038166 A	20190503	LSPB	+	published / reissued	
JP2019082633 A1	20191218	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191218
JP2019082633 A1	20191218		A632	国内書面 (National Entry Form)	Effective date: 20191218
JP2019082633 A1	20200310		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200310
JP2019082633 A1	20200416	LSPB	+	published / reissued	
JP2019082633 A1	20200729	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019082633 A1	20200804	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20200804
JP2019082633 A1	20200804	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20200804
JP2019082633 A1	20200827	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20200825 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019082633 A1	20200827	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20200825
JP2019082633 A1	20200827	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6755413 Text: JAPANESE INTERMEDIATE

					CODE: R150 Country of Ref document: JP
JP6755413 B1	20200916	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6755413 B1	20381009	PEXP		Calculated Patent Term Expiry	
WO19082633 A1	20190502	LSPB	+	published / reissued	
WO19082633 A1	20190612		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 18871694 Kind code of Ref document: A1 Country of Ref document: EP
WO19082633 A1	20191218	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019550948 Country of Ref document: JP
WO19082633 A1	20200428	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19082633 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 18871694 Country of Ref document: EP

2) Family number: 76352629 (US2019329836 AA)

Title: ELECTRIC **SADDLE** TYPE VEHICLE CHASSIS

Abstract: A **motorcycle**, or **saddle** type vehicle, is disclosed that may have at least one **seat** and at least two wheels, at least one hub electric motor. A large dry storage compartment may be positioned between the rider and steering mount. A rechargeable battery and battery management system may be located below the storage compartment in a battery housing, where the battery housing may be a structural component of the chassis. A rear electronics housing may be attached to and located behind the battery housing, and may contain major electrical components such as electric motor controller and contactors. Two structural members, or frame side rails, may form sides of the storage compartment and extend between the electronics housing and steering mount. The electronics housing may also connect to the battery housing such that the battery housing reinforces and strengthens the chassis, or structural frame.



Classifications:

International (IPC 8-9): B60K1/00 B60K1/04 B60K7/00 B60L7/18 B60L7/26 B60T7/04 B60T7/08 B60T8/17 B60T8/171 B60T8/172 B60T8/1763 B60W10/08 B60W10/184 B62H5/00 B62J1/04 B62J1/08 B62J45/00 B62J9/14 B62J9/30 B62K11/00 B62K11/02 B62K11/04 B62K11/06 B62K11/10 B62K19/08 B62K19/30 B62K19/40 B62K19/46 B62K21/18 B62K25/20 B62M7/00 B62M7/12 E05B81/12 E05B83/28

CPC: B62J43/00 B62K11/02 B62K11/10 B62K19/06 B62K19/08 B62K19/30 B62K19/46 B62K21/18 B62K2204/00 B62K25/20 B62M7/12 B60K7/0007 B60L7/18 B60L7/26 B60T1/10 B60T13/586 B60T2220/04 B60T2240/03 B60T2270/602 B60T2270/604 B60T7/042 B60T7/085 B60T8/1706 B60T8/171 B60T8/172 B60T8/1763 B60Y2200/12 B60Y2200/91 F16D61/00 B60R25/24 B62H5/001 B62H5/006 B62J1/08 B62J1/12 B62J43/16 B62J43/28 B62J45/00 B62J9/14 B62J9/18 B62J9/30 B62K19/10 B62K19/12 E05B2047/0094 E05B81/08 E05B81/12 E05B83/28 B60L2200/12 B62J25/06 B62J25/08 B62J41/00 B62J6/055 B62K11/04 B62K19/40 B62K19/48 B62K25/005 B62K25/283 B62M7/02 B62J1/04

Family:

Publication number	Publication date	Application number	Application date
US2019329836 AA	20191031	US20190396165	20190426
US2020180577 AA	20200611	US20190706222	20191206
US2020223504 AA	20200716	US20200746372	20200117
US2020339210 AA	20201029	US20200804690	20200228
WO19210242 A1	20191031	WO2019US29458	20190426
WO20118233 A1	20200611	WO2019US65038	20191206
WO20150646 A1	20200723	WO2020US14158	20200117
WO20176858 A2	20200903	WO2020US20397	20200228
WO20176858 A3	20201008	WO2020US20397	20200228

Priority:

US20180663803P 20180427 US20180776036P 20181206 US20190793670P 20190117
US20190812156P 20190228 US20190812166P 20190228 US20190823813P 20190326
US20190396165 20190426 US20190706222 20191206 US20200746372 20200117
US20200804690 20200228

Probable Assignee: FUELL INC

Assignee(s): (std)**:** FUELL INC

Inventor(s): (std)**:** BUELL ERIK ; HURDA DANIEL ; HURDA DANIEL DAVID ; LABEN EDWARD ; LABEN EDWARD MATTHEW

Agent(s): BOYD ROBERT ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN WS ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2019329836 AA	20190605	LSAS	AS	ASSIGNMENT	Effective date: 20190529 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BUELL, ERIK;REEL/FRAME:049383/0818 Owner: FUELL INC., NEW YORK PartyType: owner
US2019329836 AA	20190627		RFE1	Docketed New Case - Ready for Examination	
US2019329836 AA	20190627		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2019329836 AA	20191031	LSPB	+	published / reissued	
US2019329836 AA	20210609	LSES	NFA1	Non Final Action Mailed	

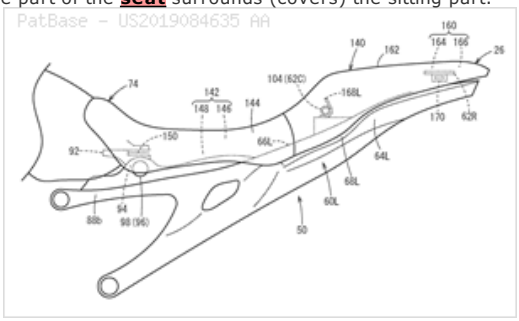
US2019329836 AA	20210609		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2020180577 AA	20200428	LSAS	AS	ASSIGNMENT	Effective date: 20200420 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:BUELL, ERIK;HURDA, DANIEL DAVID;LABEN, EDWARD MATTHEW;REEL/FRAME:052512/0939 Owner: FUELL INC., NEW YORK PartyType: owner
US2020180577 AA	20200609		RFE1	Docketed New Case - Ready for Examination	
US2020180577 AA	20200609		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2020180577 AA	20200611	LSPB	+	published / reissued	
US2020223504 AA	20200428	LSAS	AS	ASSIGNMENT	Effective date: 20200420 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BUELL, ERIK;REEL/FRAME:052512/0617 Owner: FUELL INC., NEW YORK PartyType: owner
US2020223504 AA	20200511		RFE1	Docketed New Case - Ready for Examination	
US2020223504 AA	20200511		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2020223504 AA	20200716	LSPB	+	published / reissued	
US2020339210 AA	20200317	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:BUELL, ERIK;LABEN, EDWARD MATTHEW;HURDA, DANIEL DAVID;SIGNING DATES FROM 20200229 TO 20200302;REEL/FRAME:052141/0096 PartyType: owner Owner: FUELL INC., NEW YORK
US2020339210 AA	20200717		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2020339210 AA	20200717		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2020339210 AA	20201029	LSPB	+	published / reissued	
WO19210242 A1	20191031	LSPB	+	published / reissued	
WO19210242 A1	20191211		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 19724978 Kind code of Ref document: A1 Country of Ref document: EP
WO19210242 A1	20201028	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19210242 A1	20210505	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 19724978 Country of Ref document: EP

WO20118233 A1	20200611	LSPB	+	published / reissued	
WO20118233 A1	20200722		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 19891879 Country of Ref document: EP
WO20118233 A1	20210608	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO20150646 A1	20200723	LSPB	+	published / reissued	
WO20150646 A1	20200902		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 20741362 Country of Ref document: EP
WO20176858 A2	20200903	LSPB	+	published / reissued	
WO20176858 A3	20201014		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A2 Ref document number: 20763954 Country of Ref document: EP

3) Family number: 73575639 (US2019084635 AA)

Title: **SADDLE** TYPE VEHICLE

Abstract: A **saddle** type vehicle includes a **seat** rail and a **seat** that is attached to the **seat** rail. The **seat** rail includes an outer edge that is placed on an outward side in a vehicle body width direction and an inner edge that is placed on an inward side in the vehicle body width direction and higher than the outer edge. On the other hand, the **seat** includes a sitting part. When the sitting part sits on an upper surface of the inner edge, a side part of the **seat** surrounds (covers) the sitting part.



Classifications:
International (IPC 8-9): B25J1/00 B62J1/08 B62J1/12 B62J1/14 B62K11/04 B62K19/24 B62K19/30 B62K19/36 B62K19/46
CPC: B62J1/08 B62J1/12 B62J1/14 B62K11/04 B62K19/24 B62K19/30 B62K19/36 B62K19/46
US: 1/1

Family:

Publication number	Publication date	Application number	Application date
EP3456614 A1	20190320	EP20180194475	20180914
JP2019051891 A2	20190404	JP20170178813	20170919
JP6563993 B2	20190821	JP20170178813	20170919
US10793213 BB	20201006	US20180132646	20180917
US2019084635 AA	20190321	US20180132646	20180917

Priority:
JP20170178813 20170919

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): FUKUYAMA KEI ; MAYUZUMI KEI ; TACHIBANA KAZUYUKI ; YAMASAKI SHOTA ; YASUDA JUNPEI
Agent(s): AMIN TUROCY AND WATSON LLP; WEICKMANN AND WEICKMANN PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3456614 A1	20190320	LSPB	+	published / reissued	
EP3456614 A1	20190320	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20180914
EP3456614 A1	20190320		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3456614 A1	20190320		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3456614 A1	20190320		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3456614 A1	20201125	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20201027
EP3456614 A1	20210408		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3456614 A1	20210505	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20210409
JP2019051891 A2	20190220		A977	REPORT ON RETRIEVAL	Effective date: 20190220 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2019051891 A2	20190305	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20190305 Text: JAPANESE INTERMEDIATE CODE: A131
JP2019051891 A2	20190404	LSPB	+	published /	

				reissued	
JP2019051891 A2	20190507	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190507 Text: JAPANESE INTERMEDIATE CODE: A523
JP2019051891 A2	20190627	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
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JP2019051891 A2	20190802	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6563993 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6563993 B2	20190704	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6563993 B2	20190730	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6563993 B2	20190802	LSGT	+R150	特許証 (Patent certificate)	
JP6563993 B2	20190821	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6563993 B2	20370919	PEXP		Calculated Patent Term Expiry	
US10793213 BB	20180917	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MAYUZUMI, KEI;TACHIBANA, KAZUYUKI;YASUDA, JUNPEI;AND OTHERS;REEL/FRAME:046887/0223 Effective date: 20180730 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US10793213 BB	20180917	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10793213 BB	20181017		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US10793213 BB	20200916	LSGT	PAT1	Patented Case	
US10793213 BB	20201006	LSGT	+	granted / extensions (spc, cpc, pte)	
US10793213 BB	20380917	PEXP		Calculated Patent Term Expiry	
US2019084635 AA	20181017		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2019084635 AA	20190321	LSPB	+	published / reissued	
US2019084635 AA	20190718		RFE1	Docketed New Case - Ready for Examination	
US2019084635 AA	20190718		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2019084635 AA	20191001	LSES	NFA1	Non Final Action Mailed	
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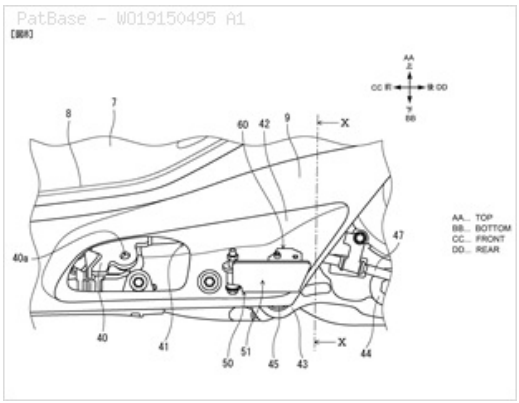
US2019084635 AA	20200107		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2019084635 AA	20200107		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
US2019084635 AA	20200414		EQA1	Ex parte Quayle Action Mailed	
US2019084635 AA	20200414		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: EX PARTE QUAYLE ACTION MAILED
US2019084635 AA	20200604		RSP3	Response to Ex parte Quayle Action Entered and Forwarded to Examiner	
US2019084635 AA	20200604		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO EX PARTE QUAYLE ACTION ENTERED AND FORWARDED TO EXAMINER
US2019084635 AA	20200619	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019084635 AA	20200619		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019084635 AA	20200903	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2019084635 AA	20200903		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2019084635 AA	20200916	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE

4) Family number: 75437769 (WO19150495 A1)

Title: **SADDLE** RIDING TYPE VEHICLE

Abstract: Provided is a **saddle** riding type vehicle in which a cover member of an accommodation part can be unlocked by using a foot switch operated by foot without operating a portable wireless key. The present invention is provided with: a smart key (200) authenticated through wireless communication by a control unit (100) provided in a **saddle** riding type vehicle (1); a **locking** **mechanism** (30) that **locks** or unlocks a cover member (19); an unlocking operation unit (50) that transmits an unlock signal to the control unit (100); and an actuator (202) connected to the **locking** **mechanism** (30) and operated according to a command from the control unit (100). The unlocking operation unit (50) is disposed at a position that is higher than a lowest ground height (H) of a **saddle** riding type vehicle (1) and lower than a hinge **mechanism** (150) of a **seat** (19). The control unit (100) operates an actuator (202) to switch the **locking** **mechanism** (30) to an unlocked state, when the unlock signal is transmitted by operating the unlocking operation unit (50) and mutual authentication with the smart key (200) is completed.

Classifications:
International (IPC 8-9): B62H5/00 B62J25/06 B62J45/42 B62J9/00 B62J9/14 B62J9/22 B62J9/30 B62J99/00 E05B49/00 E05B81/64 E05B83/16
CPC: B62H5/006 B62J9/14 B62J9/30



Family:

Publication number	Publication date	Application number	Application date
EP3747748 A1	20201209	EP20180903918	20180131
EP3747748 A4	20201223	EP20180903918	20180131
IN202047032429 A	20201002	IN202047032429	20200729
JP2019150495 A1	20210225	JP20190568482T	20180131
JP6892526 B1	20210623	JP20190568482T	20180131
TW201934863 A	20190901	TW20190102416	20190122
TWI688701 B	20200321	TW20190102416	20190122
WO19150495 A1	20190808	WO2018JP03233	20180131

Priority:
WO2018JP03233 20180131

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KURAMOCHI AKIRA
Agent(s): FELLER FRANK; SAKAMOTO KIYOTAKA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
EP3747748 A1	20190810		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3747748 A1	20201106		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3747748 A1	20201106		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3747748 A1	20201209	LSPB	+	published / reissued	
EP3747748 A1	20201209	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20200605

EP3747748 A1	20201209		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3747748 A1	20201209		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3747748 A4	20201223	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20201120
EP3747748 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/14 20200101ALI20201116BHEP ClassificationScheme: IPC
EP3747748 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/30 20200101ALI20201116BHEP ClassificationScheme: IPC
EP3747748 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 99/00 20200101AFI20201116BHEP
EP3747748 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62H 5/00 20060101ALI20201116BHEP ClassificationScheme: IPC
EP3747748 A4	20210505		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3747748 A4	20210505		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
IN202047032429 A	20201002	LSPB	+	published / reissued	
JP2019150495 A1	20210225	LSPB	+	published / reissued	
JP2019150495 A1	20210518	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019150495 A1	20210526	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210526 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019150495 A1	20210526	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210526
JP2019150495 A1	20210531	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210527 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019150495 A1	20210531	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210527
JP2019150495 A1	20210531	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6892526 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6892526 B1	20210623	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6892526 B1	20380131	PEXP		Calculated Patent Term Expiry	
TW201934863 A	20190901	LSPB	+	published / reissued	
TWI688701 B	20200321	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI688701 B	20390122	PEXP		Calculated Patent Term Expiry	
WO19150495 A1	20190808	LSPB	+	published / reissued	
WO19150495 A1	20190918		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 18903918 Kind code of Ref document: A1 Country of Ref document: EP
WO19150495 A1	20190926		DPE2	REQUEST FOR PRELIMINARY EXAMINATION FILED BEFORE EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19150495 A1	20200701	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A

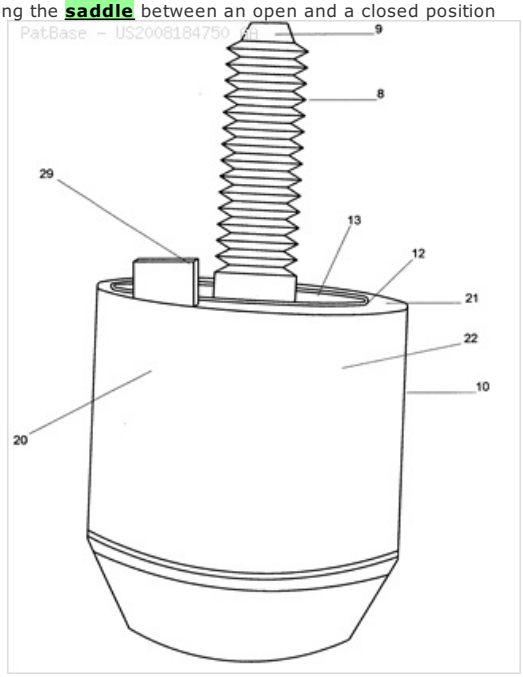
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WO19150495 A1	20200801	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19150495 A1	20200904	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2018903918 Effective date: 20200831 Country of Ref document: EP

5) Family number: 42075060 (US2008184750 AA)

Title: **MOTORCYCLE** **SADDLE** **LOCKING** DEVICE

Abstract: A **motorcycle** **saddle** **locking** device for use in combination with a **motorcycle** chassis having a rear fender mount and a **motorcycle** **saddle** having a rear attachment member for **locking** the **saddle** to the rear fender mount, which is comprised of a **lock** housing; and a **locking** means which is secured to the **locking** housing wherein the **locking** means and **locking** housing (hereinafter, "the **locking** device") bias the rear attachment member between a closed and an opened relationship with respect to the fender mount thereby rendering the **saddle** between an open and a closed position

Classifications:
International (IPC 8-9): B62H5/00
CPC: B62H5/006 Y10T70/5872
US: 70/233



Family:

Publication number	Publication date	Application number	Application date
US2008184750 AA	20080807	US20050605207	20050829

Priority:
US20050605207 20050829

Probable Assignee: GRAULICH CRAIG J
Assignee(s): (std): GRAULICH CRAIG J
Inventor(s): (std): GRAULICH CRAIG J
Agent(s): IPX CORP

Legal status (INPADOC)

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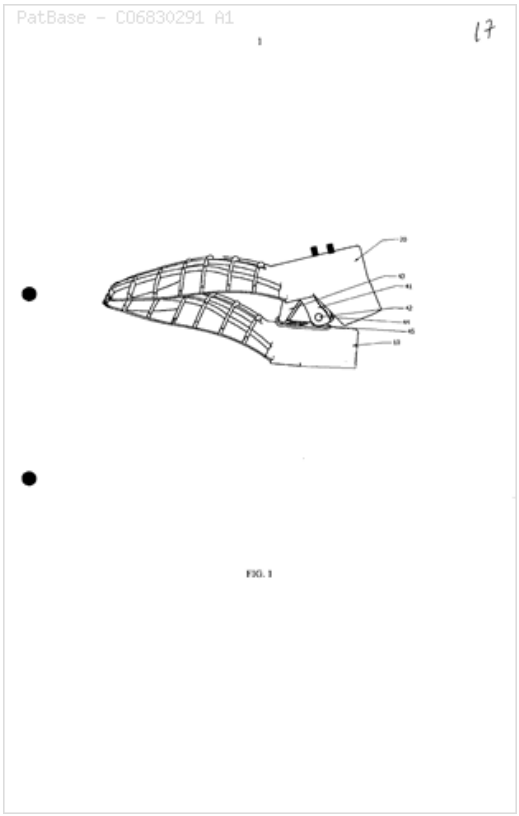
Patent	Date recorded	Event group	Code	Event	Details
US2008184750 AA	20080807	LSPB	+	published / reissued	
US2008184750 AA	20100322	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2008184750 AA	20100322		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

6) Family number: 55881488 (CO6830291 A1)

Title: **MECHANICAL** SYSTEM TO ADJUST THE HEIGHT OF A KIND **MOTORCYCLE** SCOOTER **SADDLE** (Machine translation)

Abstract: Source: CO6830291 A1 **Machine translation:** The present invention relates to a **mechanical** system installed inside the **saddle** of a scooter type **motorcycle** that allows you to change the position of the driver's **saddle** in two different heights and two different inclinations with respect to the current position, making the **Motorcycle** adaptable to different drivers.

Classifications:
International (IPC 8-9): B62J1/00



Family:

Publication number	Publication date	Application number	Application date
CO6830291 A1	20140110	CO20130161121	20130708

Priority:
CO20130161121 20130708

Probable Assignee: AUTOTECNICA COLOMBIANA S A S AUTECO S A S
Assignee(s): (std): AUTOTECNICA COLOMBIANA S A S AUTECO S A S
Inventor(s): (std): FLOREZ MUNOZ OSCAR DAVID
Inventor(s): OSCAR DAVID FLOREZ MUNOZ
Agent(s): ALEJANDRO CADAVID AROCA

Legal status (INPADOC)

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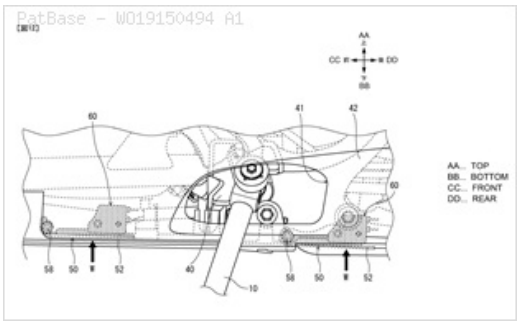
Patent	Date recorded	Event group	Code	Event	Details
CO6830291 A1	20140110	LSPB	+	published / reissued	
CO6830291 A1	20140805	LSWD	-FA	APPLICATION WITHDRAWN	

7) Family number: 75437748 (WO19150494 A1)

Title: **SADDLE** RIDING TYPE VEHICLE

Abstract: Provided is a **saddle** riding type vehicle in which a cover member of an accommodation unit can be unlocked by using a foot switch operated by foot without operating a portable wireless key. The present invention is provided with: a smart key (200) authenticated by a control unit (100) through wireless communication; a **locking** **mechanism** (30) that **locks** or unlocks a cover member (19); an unlocking operation unit (50) that transmits an unlock signal to the control unit (100); and an actuator (202) connected to the **locking** **mechanism** (30). The unlocking operation unit (50) is disposed at a position that is higher than a lowest ground height (H) of a **saddle** riding type vehicle (1) and lower than a hinge **mechanism** (150) of a **seat** (19). The control unit (100) operates the actuator (202) to switch the **locking** **mechanism** (30) to an unlocked state when the unlock signal is transmitted by operating the unlocking operation unit (50) and mutual authentication with the smart key (200) is completed. The **locking** operation unit (50) is disposed adjacent to a side stand (10) when viewed from the side of a vehicle body.

Classifications:
International (IPC 8-9): B62H5/00 B62J1/00 B62J25/06 B62J45/42 B62J9/00 B62J9/14 B62J9/22 B62J9/30 B62J99/00 E05B49/00
CPC: B62J1/12 B62J9/14 B62J9/30 B62K2202/00



Family:

Publication number	Publication date	Application number	Application date
EP3747747 A1	20201209	EP20180903136	20180131
EP3747747 A4	20201223	EP20180903136	20180131
IN202047032430 A	20201002	IN202047032430	20200729
JP2019150494 A1	20210225	JP20190568481T	20180131
JP6892525 B1	20210623	JP20190568481T	20180131
TW201934397 A	20190901	TW20190102418	20190122
TWI701178 B	20200811	TW20190102418	20190122
WO19150494 A1	20190808	WO2018JP03232	20180131

Priority:
WO2018JP03232 20180131

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KURAMOCHI AKIRA
Agent(s): FELLER FRANK; SAKAMOTO KIYOTAKA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3747747 A1	20190810		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3747747 A1	20201106		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3747747 A1	20201106		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3747747 A1	20201209	LSPB	+	published / reissued	
EP3747747 A1	20201209	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20200605
EP3747747 A1	20201209		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR

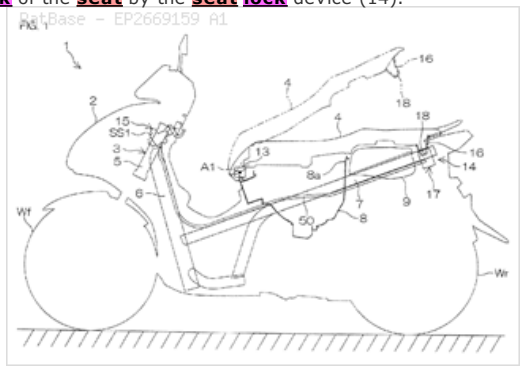
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EP3747747 A1	20201209		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3747747 A4	20201223	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20201120
EP3747747 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/30 20200101ALI20201116BHEP
EP3747747 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62H 5/00 20060101ALI20201116BHEP
EP3747747 A4	20201223		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 99/00 20200101AFI20201116BHEP
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EP3747747 A4	20210505		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3747747 A4	20210505		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
IN202047032430 A	20201002	LSPB	+	published / reissued	
JP2019150494 A1	20210225	LSPB	+	published / reissued	
JP2019150494 A1	20210518	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019150494 A1	20210526	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210526 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019150494 A1	20210526	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210526
JP2019150494 A1	20210531	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210527 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019150494 A1	20210531	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210527
JP2019150494 A1	20210531	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6892525 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6892525 B1	20210623	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6892525 B1	20380131	PEXP		Calculated Patent Term Expiry	
TW201934397 A	20190901	LSPB	+	published / reissued	
TWI701178 B	20200811	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI701178 B	20390122	PEXP		Calculated Patent Term Expiry	
WO19150494 A1	20190808	LSPB	+	published / reissued	
WO19150494 A1	20190918		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 18903136 Country of Ref document: EP
WO19150494 A1	20190919		DPE2	REQUEST FOR PRELIMINARY EXAMINATION FILED BEFORE EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19150494 A1	20200701	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019568481 Country of Ref document: JP

WO19150494 A1	20200801	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19150494 A1	20200904	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20200831 Ref document number: 2018903136 Country of Ref document: EP

8) Family number: 55307678 (EP2669159 A1)

Title: **SADDLE** TYPE VEHICLE

Abstract: A **saddle** type vehicle includes a vehicle body frame (3), a **seat**, a **seat** connecting device, a **seat** **lock** device (14), and a **lock** release device (15). The **seat** **lock** device (14) includes a **locking** member (16) provided on one of the frame (3) and **seat**, and a **locking** **mechanism** (17) arranged to **lock** the **locking** member (16) and provided on the other of the frame (3) and **seat**. The **seat** **lock** device (14) includes a **locking** position adjusting **mechanism** (42) capable of adjusting the height of a **locking** position. The **seat** **lock** device (14) causes the **locking** **mechanism** (17) to **lock** the **locking** member (16) at the **locking** position in state in which a portion of the **seat** is connected to the frame (3) by the **seat** connecting device. The **lock** release device (15) releases a **lock** of the **seat** by the **seat** **lock** device (14).



Classifications:
International (IPC 8-9): B62H5/00 B62J1/00 B62J1/08 B62J1/12 B62J1/28 B62J15/00 B62J35/00 B62K11/00 B62K19/36 B62K19/46 E05B55/00 E05B65/12 E05B73/00 F01N13/00 F02B75/20 G06F1/00
International (IPC 1-7): B62J1/12 B62J35/00 B62K19/46
CPC: B62J1/12 B62J35/00 B62K19/46

Family:

Publication number	Publication date	Application number	Application date
BR102013004106 A2	20150714	BR20131004106	20130221
BR102013004106 B1	20201215	BR20131004106	20130221
CN103448840 A	20131218	CN201310048018	20130206
CN103448840 B	20160427	CN201310048018	20130206
CO7070230 A1	20140930	CO20130056790	20130321
DE602013002469 D1	20150917	DE201360002469T	20130107
EP2669159 A1	20131204	EP20130150366	20130107
EP2669159 B1	20150805	EP20130150366	20130107
ES2545372 T3	20150910	ES20130150366T	20130107
IN01455KO2012 A	20131206	IN2012KO01455	20121224
IN341215 B	20200717	IN2012KO01455	20121224
JP2013248984 A2	20131212	JP20120125166	20120531
MX2013000693 A1	20131205	MX20130000693	20130117
MY164702 A	20180130	MY20130700040	20130109
PH2013000010 A	20140811	PH20130000010	20130111
PH2013000010 B	20140811	PH20130000010	20130111
TH128562 A	20131016	TH20121006709	20121221
TH55657 B	20170630	TH20121006709	20121221
TW201348049 A	20131201	TW20120150184	20121226
TWI529086 B	20160411	TW20120150184	20121226
VN15688 A1	20160825	VN20130000791	20130315

Priority:
JP20120125166 20120531 EP20130150366 20130107

Probable Assignee: YAMAHA MOTOR CO LTD
Assignee(s): (std): YAMAHA MOTOR CO LTD
Assignee(s): NONE ; YAMAHA HATSUDOKI K K IWATA SHI ; YAMAHA HATSUDOKI KK
Inventor(s): (std): DAIKI TAKEHANA ; TAKEHANA DAIKI ; TAKEHANA HIROTAKA
Inventor(s): TAKEHANA DAIKI IWATA SHI
Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; JUAN PABLO CADENA SARMIENTO; SAPALO VELEZ BUNDANG AND BULILAN; UNGRIA JAVIER
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
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BR102013004106 A2	20150714	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BR102013004106 A2	20181204		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING [CHAPTER 6.6 PATENT	

				GAZETTE]	
BR102013004106 A2	20191217		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
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CO7070230 A1	20140930	LSPB	+	published / reissued	
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EP2669159 A1	20140226	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140108
EP2669159 A1	20140226		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2669159 A1	20140618	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20140514
EP2669159 A1	20150429	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20150330
EP2669159 A1	20160429	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160131 Year of fee payment: 4 Country of Ref document: IT
EP2669159 A1	20160429	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20160112 Country of Ref document: ES
EP2669159 A1	20160429	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160120 Year of fee payment: 4 Country of Ref document: DE
EP2669159 A1	20160531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT	Year of fee payment: 4 Payment date: 20160121 Country of Ref document: FR

				INFORMATION FROM NATIONAL OFFICE TO EPO]	
EP2669159 B1	20150805	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2669159 B1	20150805		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2669159 B1	20150805	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP2669159 B1	20150814	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP2669159 B1	20150815	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 740523 Effective date: 20150815 Kind code of Ref document: T Ref country code: AT Ref legal event code: REF Country of Ref document: AT
EP2669159 B1	20150826	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2669159 B1	20150910	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 2545372 Effective date: 20150910 Ref legal event code: FG2A Ref country code: ES Kind code of Ref document: T3 Country of Ref document: ES
EP2669159 B1	20150917	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013002469 Ref legal event code: R096 Country of Ref document: DE
EP2669159 B1	20151215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Kind code of Ref document: T Ref legal event code: MK05 Effective date: 20150805 Ref document number: 740523 Country of Ref document: AT
EP2669159 B1	20160111	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2669159 B1	20160113		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MP Effective date: 20150805 Ref country code: NL
EP2669159 B1	20160121	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Year of fee payment: 4 Ref country code: FR Country of Ref document: FR
EP2669159 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2669159 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2669159 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20151106

					Country of Ref document: GR
EP2669159 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2669159 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20151105 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20151205 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20151207 Country of Ref document: PT
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: SE
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: RS
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2669159 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: PL
EP2669159 B1	20160331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-

					LIMIT Country of Ref document: NL
EP2669159 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2669159 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2669159 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: EE
EP2669159 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2669159 B1	20160509	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602013002469 Ref country code: DE Country of Ref document: DE
EP2669159 B1	20160531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP2669159 B1	20160531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: RO
EP2669159 B1	20160713	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20160509
EP2669159 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160107 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LU
EP2669159 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2669159 B1	20160831	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2669159 B1	20160930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN

				EPO]	THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2669159 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2669159 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2669159 B1	20161102	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2669159 B1	20161230	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP2669159 B1	20170120	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Ref country code: FR Year of fee payment: 5 Country of Ref document: FR
EP2669159 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20160107 Country of Ref document: IE
EP2669159 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170120 Year of fee payment: 5 Country of Ref document: DE
EP2669159 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170120 Year of fee payment: 5 Country of Ref document: FR
EP2669159 B1	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20170124 Country of Ref document: IT
EP2669159 B1	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20170113 Country of Ref document: ES
EP2669159 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: MT
EP2669159 B1	20170927	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20170107 Ref country code: EP
EP2669159 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170107 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2669159 B1	20180119	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 6 Ref legal event code:

					PLFP
EP2669159 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180122 Year of fee payment: 6 Country of Ref document: DE
EP2669159 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180227 Year of fee payment: 6 Country of Ref document: ES
EP2669159 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20130107 Country of Ref document: HU
EP2669159 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2669159 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: SM
EP2669159 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180129 Country of Ref document: IT
EP2669159 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180119 Country of Ref document: FR
EP2669159 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160131 Country of Ref document: MT
EP2669159 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2669159 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150805 Country of Ref document: TR
EP2669159 B1	20180731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document:

					BG
EP2669159 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2669159 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190124 Year of fee payment: 7 Country of Ref document: IT
EP2669159 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190226 Year of fee payment: 7 Country of Ref document: ES
EP2669159 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190124 Year of fee payment: 7 Country of Ref document: FR
EP2669159 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20190123 Country of Ref document: DE
EP2669159 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200221 Country of Ref document: ES
EP2669159 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200131 Country of Ref document: IT
EP2669159 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200121 Country of Ref document: DE
EP2669159 B1	20200630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200121 Year of fee payment: 8 Country of Ref document: FR
EP2669159 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210122 Year of fee payment: 9 Country of Ref document: FR
EP2669159 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210121 Year of fee payment: 9 Country of Ref document: IT
EP2669159 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210120 Year of fee payment: 9 Country of Ref document: DE
EP2669159 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20210326 Country of Ref document: ES

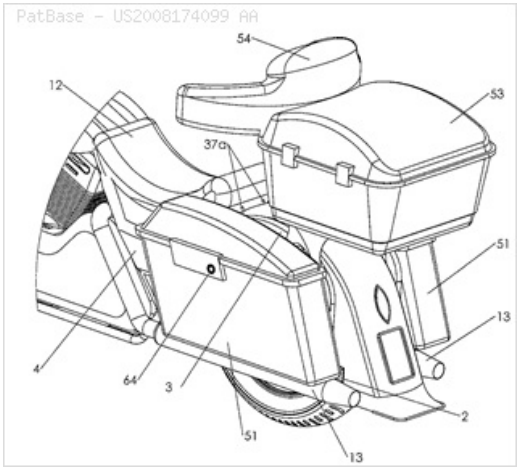
EP2669159 B1	20330107	PEXP		Calculated Patent Term Expiry
ES2545372 T3	20150910	LSGT	+	granted / extensions (spc, cpc, pte)
ES2545372 T3	20330107	PEXP		Calculated Patent Term Expiry
IN01455KO2012 A	20131206	LSPB	+	published / reissued
IN341215 B	20200717	LSGT	+	granted / extensions (spc, cpc, pte)
IN341215 B	20321224	PEXP		Calculated Patent Term Expiry
JP2013248984 A2	20131212	LSPB	+	published / reissued
MX2013000693 A1	20131205	LSPB	+	published / reissued
MX2013000693 A1	20150723	LSGT	+FG	GRANT OR REGISTRATION
MY164702 A	20180130	LSGT	+	granted / extensions (spc, cpc, pte)
MY164702 A	20330109	PEXP		Calculated Patent Term Expiry
PH2013000010 A	20140811	LSPB	+	published / reissued
PH2013000010 B	20140811	LSGT	+	granted / extensions (spc, cpc, pte)
TH128562 A	20131016	LSPB	+	published / reissued
TH55657 B	20170630	LSGT	+	granted / extensions (spc, cpc, pte)
TH55657 B	20321221	PEXP		Calculated Patent Term Expiry
TW201348049 A	20131201	LSPB	+	published / reissued
TWI529086 B	20160411	LSGT	+	granted / extensions (spc, cpc, pte)
TWI529086 B	20321226	PEXP		Calculated Patent Term Expiry
VN15688 A1	20160825	LSGT	+	granted / extensions (spc, cpc, pte)

9) Family number: 42046197 (US2008174099 AA)

Title: TOURING **MOTORCYCLE** MODIFICATION KIT

Abstract: A touring **motorcycle** modification kit comprising: an internal frame, an external frame, and a fender; wherein the fender is situated between the internal and external frames; wherein the internal frame is situated inside of the fender; wherein the internal frame comprises two portions, and wherein the two portions are bolted together; wherein the external frame is mounted on the fender at three frame mounting points; wherein two of the three frame mounting points are located on the exterior of the fender; wherein none of the three frame mounting points is located inside of the fender; wherein the external frame does not bolt to the frame mounting points but is releasably attached to the three frame mounting points; and wherein no tools are required to install or remove the external frame. The present invention can be used with a factory **seat**, exhaust system, wiring harness, **saddle** bags and tour pack.

Classifications:
International (IPC 8-9): B60R9/00 B62J9/00 B62K11/00 B62K11/02
CPC: B62J7/04 B62J9/20
US: 180/219 180/227 224/423 280/157 280/854 180/227S 224/423S 280/157S 280/854P



Family:

Publication number	Publication date	Application number	Application date
US2008174099 AA	20080724	US20070625627	20070122
US7793747 BB	20100914	US20070625627	20070122

Priority:

US20070625627 20070122

Probable Assignee:	BROWN PETER L
Assignee(s): (std):	BROWN PETER L
Inventor(s): (std):	BROWN PETER L
Agent(s):	ANTOINETTE M; ANTOINETTE M TEASE

Legal status (INPADOC)

View legal status timeline

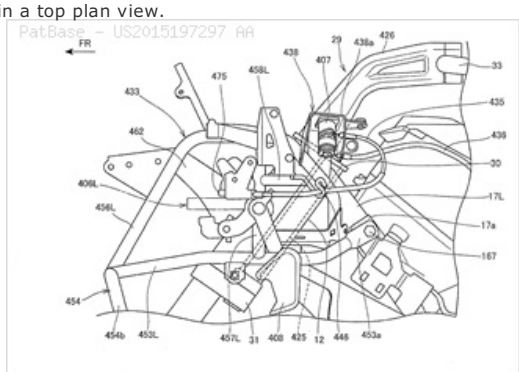
Patent	Date recorded	Event group	Code	Event	Details
US2008174099 AA	20080724	LSPB	+	published / reissued	
US7793747 BB	20100825	LSGT	PAT1	Patented Case	
US7793747 BB	20100914	LSGT	+	granted / extensions (spc, cpc, pte)	
US7793747 BB	20140220	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7793747 BB	20180430	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.)
US7793747 BB	20181022	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US7793747 BB	20181022	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US7793747 BB	20181022	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US7793747 BB	20181113	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20180914
US7793747 BB	20280923	PEXP		Calculated Patent Term Expiry (PTA 610 days)	

10) Family number: 59778181 (US2015197297 AA)

Title: **LOCKING** STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: A **locking** structure for a **saddle** type vehicle to prevent theft and achieve a tamper-proofing effect while securing a storage space in a vehicle body. A front cover is provided with a storage part which is openably closed with a lid. The lid is lockable into a closed state or unlockable from the closed state by means of a lid **lock** **mechanism**. A main **seat** is lockable into an engaged state with **seat** rails or unlockable from the engaged state by means of a **seat** **lock** **mechanism**. At least one of the lid **lock** **mechanism** and the **seat** **lock** **mechanism** is connected to a key cylinder by a first cable and a second cable. The key cylinder overlaps a steering shaft in a side view, and is located within an opening provided in an inner cover, which is a component of the front cover, in a top plan view.

Classifications:
International (IPC 8-9): B62H5/00 B62H5/04 B62J1/12 B62J23/00 B62J9/00 B62K19/46
CPC: B62H5/00 B62H5/001 B62H5/006 B62K19/46 Y10T70/554
US: 70/158 1/1



Family:

Publication number	Publication date	Application number	Application date
JP2015131553 A2	20150723	JP20140003650	20140110
JP5851530 B2	20160203	JP20140003650	20140110
TH148255 A	20160401	TH20141007726	20141224
TH74353 B	20200212	TH20141007726	20141224
US2015197297 AA	20150716	US20150589556	20150105
US9567026 BB	20170214	US20150589556	20150105

Priority:
JP20140003650 20140110

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): MAEDA RUI ; NIIJIMA SHUN ; YAMADA MASAOMI
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
JP2015131553 A2	20150723	LSPB	+	published / reissued	
JP2015131553 A2	20151111		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20151111
JP2015131553 A2	20151112	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2015131553 A2	20151118	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20151117 Text: JAPANESE INTERMEDIATE CODE: A01
JP2015131553 A2	20151210	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20151202 Text: JAPANESE INTERMEDIATE CODE: A61
JP2015131553 A2	20151211	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5851530 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5851530 B2	20151119	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5851530 B2	20151119	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20151117
JP5851530 B2	20151208	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5851530 B2	20151208	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20151202 Text: 51502410059

JP5851530 B2	20151211	LSGT	+R150	特許証 (Patent certificate)	
JP5851530 B2	20151211	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20151222
JP5851530 B2	20160203	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5851530 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5851530 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20180725 Text: 51801521710
JP5851530 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5851530 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180814
JP5851530 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5851530 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190830 Text: 51901838601
JP5851530 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5851530 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5851530 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190920
JP5851530 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200831 Text: 52001777134
JP5851530 B2	20200902	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200925
JP5851530 B2	20340110	PEXP		Calculated Patent Term Expiry	
TH148255 A	20160401	LSPB	+	published / reissued	
TH74353 B	20200212	LSGT	+	granted / extensions (spc, cpc, pte)	
TH74353 B	20341224	PEXP		Calculated Patent Term Expiry	
US2015197297 AA	20150716	LSPB	+	published / reissued	
US2015197297 AA	20170125	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9567026 BB	20150108	LSAS	AS	ASSIGNMENT	Effective date: 20141225 PartyType: owner Owner: HONDA MOTOR CO., LTD., JAPAN OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MAEDA, RUI;YAMADA, MASAOMI;NIIJIMA, SHUN;REEL/FRAME:034668/0171
US9567026 BB	20150319		RFE1	Docketed New Case - Ready for Examination	
US9567026 BB	20170125	LSGT	PAT1	Patented Case	
US9567026 BB	20170214	LSGT	+	granted / extensions (spc, cpc, pte)	
US9567026 BB	20201005	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9567026 BB	20210322	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9567026 BB	20210322	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR	

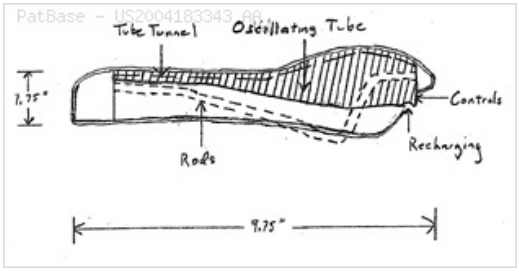
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US9567026 BB	20210322	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US9567026 BB	20210413	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20210214
US9567026 BB	20350806	PEXP		Calculated Patent Term Expiry (PTA 213 days)	

11) Family number: 30775118 (US2004183343 AA)

Title: **SEAT** TECHNOLOGY

Abstract: A bicycle **seat** that vibrates/oscillates/kneads/massages the riders anatomy via intermittent digitally controlled frequencies or by way of an on-off activation switch or by sensor/weight activation. This allows rider **seat** massage to maximize comfort, minimize soreness/numbness at the perineum, ischial tuberosities and/or gluteus maximus muscles when on **seat** for varying periods of time. A vibratory or oscillatory lightweight tube is integrated within the underside of the **seat** front to back, so as to be one with the hard plastic shell-undercarriage and/or metal rod infrastructure of the **seat**. **Seat** massage can be vibratory/oscillatory Rpm's or frequencies similar to frequency vibration/oscillation of hand held vibrators up to ultrasonic toothbrushes having much higher strokes per minute. The massage frequencies are conducted within the tube and **seat** therefore the entire **seat** vibrates/oscillates thus massaging the **seated** rider. Optionally, the **seat** may vibrate/oscillate automatically for one-three minutes at intervals by virtue of sensor activation in the padding of the **seat** displaced with body weight. **Seat** may be programmable to allow various wave length frequencies of vibration/oscillation. It is the first and only smart/therapeutic bicycle **seat**. These invention principles also apply to **motorcycle** saddles/**seats**, snowmobiles, stationary bikes and other exercise equipment.

Classifications:
International (IPC 8-9): A61H23/02 B62J1/00 B62J1/10 B62J1/12 B62J1/28
International (IPC 1-7): A61H1/00 B62J1/00
CPC: A61H2201/0138 A61H2201/0153 A61H2201/1215 A61H2201/1284 A61H2201/1628 A61H2205/085 A61H23/02 A61H23/0254 A61H7/001 A61H7/007 B62J1/007 B62J1/10 B62J1/12 B62J1/28
US: 297/195.1 297/195.100P



Family:

Publication number	Publication date	Application number	Application date
US2004183343 AA	20040923	US20040766798	20040128
WO04067364 A2	20040812	WO2004US02360	20040128
WO04067364 A3	20050407	WO2004US02360	20040128

Priority:
US20030444330P 20030130 US20040766798 20040128

Probable Assignee: PROBST PAUL C
Assignee(s): (std): PROBST PAUL C
Inventor(s): (std): PROBST PAUL C
Inventor(s): PAUL C PROBST
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2004183343 AA	20040923	LSPB	+	published / reissued	
US2004183343 AA	20071231	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2004183343 AA	20071231		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION
WO04067364 A2	20040812	LSPB	+	published / reissued	
WO04067364 A2	20040812		+AK	DESIGNATED STATES	Kind code of Ref document: A2 Country of Ref document: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
WO04067364 A2	20040812		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A2 Country of Ref document: AM AT AZ BE BF BG BJ BW BY CF CG CH CI CM CY CZ DE DK EE ES FI FR GA GB GH GM GN GQ GR GW HU IE IT KE KG KZ LS LU MC MD ML MR MW MZ NE NL PT RO RU SD SE SI SK SL SN SZ TD TG TJ TM TR TZ UG ZM ZW
WO04067364 A2	20041006		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO04067364 A3	20060315	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref country code: WO

12) Family number: 61869948 (WO16038530 A1)

Title: DEVICE FOR MOUNTING A TOP BOX TO A **MOTORCYCLE**

Abstract: Device (1) for mounting a top box (2) to a supporting frame (30), which supporting frame (30) is firmly fastened on a **motorcycle** (3) at the back of the rider **seat** with respect to the travel direction, comprising a first rigid element integrally fastenable to the upper part of the supporting frame (30), which first rigid element is provided with one or more sliding guides, and a second rigid element provided with means for fastening to the top box, which second rigid element is provided with one or more slides intended to be engaged in the sliding guides, such that the top box (2) is movable between an extreme forward position in the direction of the rider **seat** and an extreme backward position in a direction opposite to the rider **seat**.

Classifications:
International (IPC 8-9): B62J11/00 B62J9/00
CPC: B62J9/23 B62J9/27

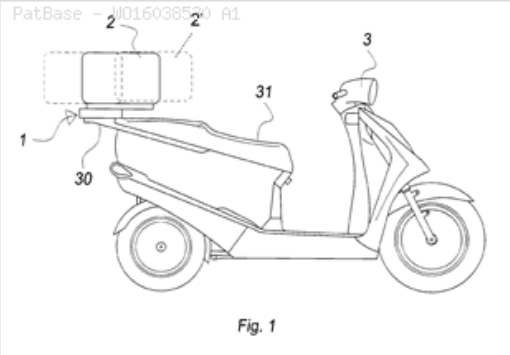


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
EP3191359 A1	20170719	EP20150778028	20150908
WO16038530 A1	20160317	WO2015IB56856	20150908

Priority:

IT2014GE00089 20140909 WO2015IB56856 20150908

Probable Assignee: PERRI NICOLA

Assignee(s): (std): PERRI NICOLA

Inventor(s): (std): PERRI NICOLA

Agent(s): KARAGHIOSOFF A GIORGIO; KARAGHIOSOFF GIORGIO ALESSANDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3191359 A1	20170719	LSPB	+	published / reissued	
EP3191359 A1	20170719	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20170404
EP3191359 A1	20170719		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3191359 A1	20170719		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA
EP3191359 A1	20170719		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3191359 A1	20171213		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3191359 A1	20171213		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3191359 A1	20191225	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20191122
EP3191359 A1	20201111	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20200603
WO16038530 A1	20160317	LSPB	+	published / reissued	
WO16038530 A1	20160427		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 15778028 Country of Ref document: EP

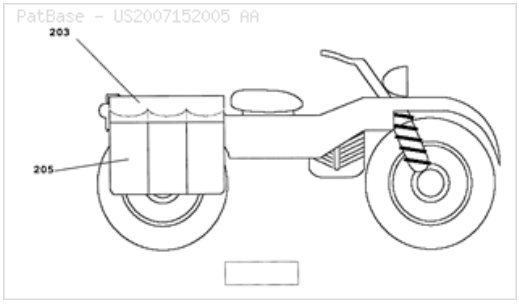
WO16038530 A1	20170309	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO16038530 A1	20170404		+REEP	REQUEST FOR ENTRY INTO THE EUROPEAN PHASE	Ref document number: 2015778028 Country of Ref document: EP
WO16038530 A1	20170404	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2015778028 Country of Ref document: EP

13) Family number: 34710394 (US2007152005 AA)

Title: COMBINATION MOTOR CYCLE **SADDLE** CARRY BAG AND COLLAPSIBLE CHAIR UTILITY

Abstract: A combination **motorcycle** **saddle** pack, carry bag and foldable chair travel utility comprising a plurality of sections and each section having a means for holding a storage compartment, **saddle** pack convertible to a carry bag or a collapsible chair for use where utility is to be maximized and weight is a premium, where these three functions are useful in one article.

Classifications:
International (IPC 8-9): A45F3/00 A45F3/02 A45F4/00 B62J9/00
CPC: A45C2003/005 A45C7/0095 A45C9/00 A45F2004/026 A45F3/02 A45F4/02 B62J9/20
US: 224/413 224/413S 224/577 224/607 224/607S



Family:

Publication number	Publication date	Application number	Application date
US2007152005 AA	20070705	US20050321839	20051229
US2007152006 AA	20070705	US20060481648	20060706

Priority:
US20050321839 20051229 US20060481648 20060706

Probable Assignee: ROSS ROBERT R
Assignee(s): (std): BUI KHOA D ; ROSS ROBERT R
Inventor(s): (std): BUI KHOA D ; ROSS ROBERT R
Inventor(s): BUI KHOA ; ROSS ROBERT
Agent(s): WALT FROLOFF

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2007152005 AA	20070705	LSPB	+	published / reissued	
US2007152005 AA	20100322	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2007152005 AA	20100322		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION
US2007152006 AA	20070705	LSPB	+	published / reissued	
US2007152006 AA	20101102	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2007152006 AA	20101102		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

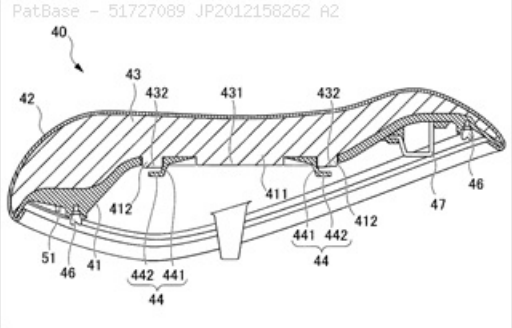
14) Family number: 51727089 (JP2012158262 A2)

Title: STRADDLE-TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a straddle-type vehicle in which articles can be more stably kept by a hook installed at a lower surface side of a **seat**.SOLUTION: In the straddle-type vehicle (1) that includes: a vehicle body (10), a **seat** bottom plate (41), a hook (44), and a cushion material (43) and has a **seat** (40) that is openably and closably supported to the vehicle body (10), the hook (44) includes: a hook base (441) extending downward from a **seat** bottom plate (41); and a hook part (442) extending to the direction along the lower surface of the **seat** bottom plate (41) from the tip of the hook base (441). The **seat** bottom plate (41) includes a hook opening (412) that opens to the position corresponding to the hook part (442) in the **seat** bottom plate (41), and the cushion material (43) has the expanding part toward the hook part (442) from the hook opening (412).

Classifications:

International (IPC 8-9): B62J B62J1/00 B62J1/12 B62J9/00



Family:

Publication number	Publication date	Application number	Application date
CN102627129 A	20120808	CN201210021164	20120118
IN00342CH2012 A	20130621	IN2012CH00342	20120130
IN331954 B	20200214	IN2012CH00342	20120130
JP2012158262 A2	20120823	JP20110019846	20110201
JP5687507 B2	20150318	JP20110019846	20110201

Priority:

JP20110019846 20110201

Probable Assignee:	HONDA MOTOR CO LTD
Assignee(s): (std):	HONDA MOTOR CO LTD
Assignee(s):	HONDA MOTOR CO
Inventor(s): (std):	INUI HIDEJIRO ; KOYAMA TAKAHIRO ; OYAMA TAKAHIRO
Inventor(s):	INUI SHUJIRO ; JIRO INUIHIDE ; TAKAHIRO OYAMA
Agent(s):	SHOBAYASHI MASAYUKI

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102627129 A	20120808	LSPB	+	published / reissued	
CN102627129 A	20120808	LSPB	+C06	PUBLICATION	
CN102627129 A	20121003		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102627129 A	20150513	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
IN00342CH2012 A	20130621	LSPB	+	published / reissued	
IN331954 B	20200214	LSGT	+	granted / extensions (spc, cpc, pte)	
IN331954 B	20320130	PEXP		Calculated Patent Term Expiry	
JP2012158262 A2	20120823	LSPB	+	published / reissued	
JP2012158262 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20131127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012158262 A2	20140611	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140610 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012158262 A2	20140613		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20140612
JP2012158262 A2	20140806	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE

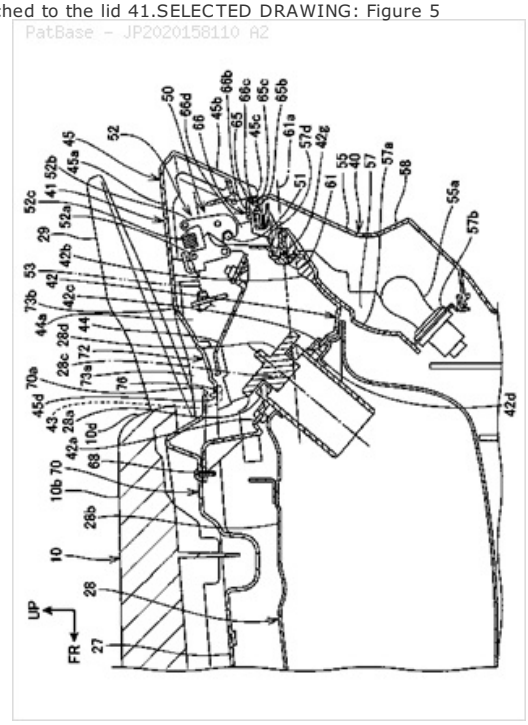
					CODE: A523 Effective date: 20140805
JP2012158262 A2	20141219	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012158262 A2	20150114	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20150113
JP2012158262 A2	20150129	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20150122
JP2012158262 A2	20150130	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5687507 Country of Ref document: JP
JP5687507 B2	20150115	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5687507 B2	20150115	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20150113
JP5687507 B2	20150127	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5687507 B2	20150127	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51500141744 Effective date: 20150122
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JP5687507 B2	20150130	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150210
JP5687507 B2	20150318	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5687507 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5687507 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20171030 Text: 51702284602
JP5687507 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5687507 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5687507 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5687507 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51802211954 Effective date: 20181026
JP5687507 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5687507 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5687507 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5687507 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206 Text: 51902564131
JP5687507 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5687507 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5687507 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5687507 B2	20310201	PEXP		Calculated Patent Term Expiry	

15) Family number: 81290303 (JP2020158110 A2)

Title: LID STRUCTURE OF **SADDLE** -RIDING TYPE VEHICLE

Abstract: To reduce a frequency of maintenance of a **lock** **mechanism** of a lid in a lid structure of a **saddle** -riding type vehicle.SOLUTION: A lid structure of a **saddle** -riding type vehicle includes: a fuel tank 28 including an oil feed port 28a; a lid 41 which covers the oil feed port 28a from above and is provided in such a way so as to be openable to the upper side; and a **lock** **mechanism** 50 which **locks** the lid 41 in a closed state. The **lock** **mechanism** 50 includes: a striker 51; and a catch member 52 which switches a state of the lid 41 between a **lock** state that the catch member 52 engages with the striker 51 to **lock** the lid 41 in a closed state and an unlock state that the catch member 52 is disengaged from the striker 51 to turn the lid 41 in an openable state. The catch member 52 is attached to the lid 41.SELECTED DRAWING: Figure 5

Classifications:
International (IPC 8-9): B60K15/04 B60K15/05 B62J23/00 B62J35/00 B62K19/46 E05B83/16



Family:

Publication number	Publication date	Application number	Application date
IN201941011847 A	20201002	IN201941011847	20190327
JP2020158110 A2	20201001	JP20200055041	20200325

Priority:
IN201941011847 20190327 JP20200055041 20200325

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Inventor(s): (std): GLEN PONNAIAH JOHN ; IBARAKI YUYA ; KISHI YUJI ; TAKIZAWA KOTA
Inventor(s): JOHN GLEN PONNAIAH ; KISHI HIROSHI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN201941011847 A	20201002	LSPB	+	published / reissued	
JP2020158110 A2	20201001	LSPB	+	published / reissued	
JP2020158110 A2	20201127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20201127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2020158110 A2	20201127	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201127
JP2020158110 A2	20210706		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210706
JP2020158110 A2	20210706		A977	REPORT ON RETRIEVAL	Effective date: 20210706 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2020158110 A2	20210713	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20210713

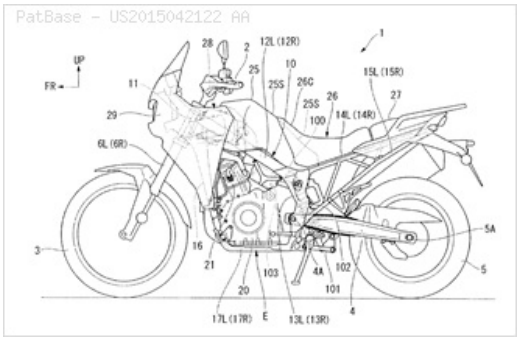
JP2020158110 A2	20210713	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20210713

16) Family number: 58463746 (US2015042122 AA)

Title: **SADDLE** -RIDING TYPE VEHICLE

Abstract: A vehicle includes vehicle body-side steps having a plurality of abutment surfaces on which **seat** -side protrusions abut from above. Each abutment surface has a height different from each other, with the **seat** being adjustable in height by selectively abutting the **seat** -side protrusions on the abutment surfaces. A rider's **seat** has a covering portion formed at a front portion thereof and extending substantially in parallel with an inclined upper surface of a fuel tank. When abutment positions of the **seat** -side protrusions are changed from either first ones of the abutment surfaces to second ones, the covering portion changes a position thereof so as to slide substantially in parallel with the inclined upper surface of the fuel tank.

Classifications:
International (IPC 8-9): B60N2/02 B62J1/06 B62J1/08 B62J1/12 B62K11/00
CPC: B60N2/02 B62J1/06 B62J1/08
US: 296/65.01 1/1



Family:

Publication number	Publication date	Application number	Application date
DE602014000904 D1	20160331	DE201460000904T	20140610
EP2835305 A1	20150211	EP20140171736	20140610
EP2835305 B1	20160217	EP20140171736	20140610
JP2015033899 A2	20150219	JP20130165517	20130808
JP6144993 B2	20170607	JP20130165517	20130808
US2015042122 AA	20150212	US20140330329	20140714
US9669736 BB	20170606	US20140330329	20140714

Priority:
JP20130165517 20130808 EP20140171736 20140610

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): IMAI RYOJI
Inventor(s): IMAI RYOJI SAITAMA
Agent(s): HERZOG MARKUS; SQUIRE PATTON BOGGS US LLP; WEICKMANN AND WEICKMANN; WEICKMANN AND WEICKMANN PATENTANWAELTE RECHTSANWALT PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE602014000904 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
EP2835305 A1	20150211	LSPB	+	published / reissued	
EP2835305 A1	20150211	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140610
EP2835305 A1	20150211		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2835305 A1	20150211		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2835305 A1	20150826	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20150731
EP2835305 A1	20160729	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Year of fee payment: 3 Payment date: 20160607 Country of Ref document: DE

				EPO]	
EP2835305 A1	20160831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160630 Year of fee payment: 3 Country of Ref document: IT
EP2835305 A1	20160831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 3 Payment date: 20160516 Country of Ref document: FR
EP2835305 B1	20160217	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2835305 B1	20160217		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2835305 B1	20160217	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2835305 B1	20160229	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2835305 B1	20160309	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2835305 B1	20160315	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Effective date: 20160315 Ref legal event code: REF Ref document number: 775506 Kind code of Ref document: T Country of Ref document: AT
EP2835305 B1	20160331	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602014000904 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP2835305 B1	20160516	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 3 Ref legal event code: PLFP Ref country code: FR Country of Ref document: FR
EP2835305 B1	20160622		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20160217 Ref country code: NL Ref legal event code: MP
EP2835305 B1	20160627	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP2835305 B1	20160715	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref legal event code: MK05 Effective date: 20160217 Kind code of Ref document: T Ref document number: 775506 Country of Ref document: AT
EP2835305 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160518 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2835305 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2835305 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES

EP2835305 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: HR
EP2835305 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160517 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: LT
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: PL
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: RS
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: NL
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: AT
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160617 Country of Ref document: PT
EP2835305 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: SE
EP2835305 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: EE

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EP2835305 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2835305 B1	20161118	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref country code: DE Ref document number: 602014000904 Country of Ref document: DE
EP2835305 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2835305 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2835305 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2835305 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: RO
EP2835305 B1	20161230	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: BE
EP2835305 B1	20170125	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20161118
EP2835305 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2835305 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: SI
EP2835305 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160517 Country of Ref document: BG
EP2835305 B1	20170322	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2835305 B1	20170511	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 4

EP2835305 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160610 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2835305 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170606 Year of fee payment: 4 Country of Ref document: DE
EP2835305 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170511 Year of fee payment: 4 Country of Ref document: FR
EP2835305 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170630 Year of fee payment: 4 Country of Ref document: IT
EP2835305 B1	20180131	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2835305 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170630 Country of Ref document: CH
EP2835305 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170630 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2835305 B1	20180511	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 5 Ref legal event code: PLFP Ref country code: FR
EP2835305 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20140610 Country of Ref document: HU
EP2835305 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20160630 Country of Ref document: MT
EP2835305 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: IS
EP2835305 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: MK

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EP2835305 B1	20180731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20180530 Country of Ref document: DE
EP2835305 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20180511 Country of Ref document: FR
EP2835305 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160217 Country of Ref document: TR
EP2835305 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160217 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2835305 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20180625 Country of Ref document: IT
EP2835305 B1	20190227	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20180610
EP2835305 B1	20190430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180610 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2835305 B1	20190731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190528 Year of fee payment: 6 Country of Ref document: DE
EP2835305 B1	20190731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION	Payment date: 20190620 Year of fee payment: 6 Country of Ref document: IT

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EP2835305 B1	20190830	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190510 Year of fee payment: 6 Country of Ref document: FR
EP2835305 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602014000904 Ref country code: DE Ref legal event code: R084 Country of Ref document: DE
EP2835305 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200527 Year of fee payment: 7 Country of Ref document: DE
EP2835305 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200630 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2835305 B1	20340610	PEXP		Calculated Patent Term Expiry	
JP2015033899 A2	20150219	LSPB	+	published / reissued	
JP2015033899 A2	20151126	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20151126 Text: JAPANESE INTERMEDIATE CODE: A621
JP2015033899 A2	20161007		A977	REPORT ON RETRIEVAL	Effective date: 20161007 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2015033899 A2	20161018	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20161018 Text: JAPANESE INTERMEDIATE CODE: A131
JP2015033899 A2	20161216	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20161216
JP2015033899 A2	20170425	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2015033899 A2	20170509	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20170509
JP2015033899 A2	20170518	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20170512
JP2015033899 A2	20170519	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6144993 Country of Ref document: JP
JP6144993 B2	20170511	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6144993 B2	20170511	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20170509
JP6144993 B2	20170516	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6144993 B2	20170516	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20170512 Text: 51701021174
JP6144993 B2	20170519	LSGT	+R150	特許証 (Patent	

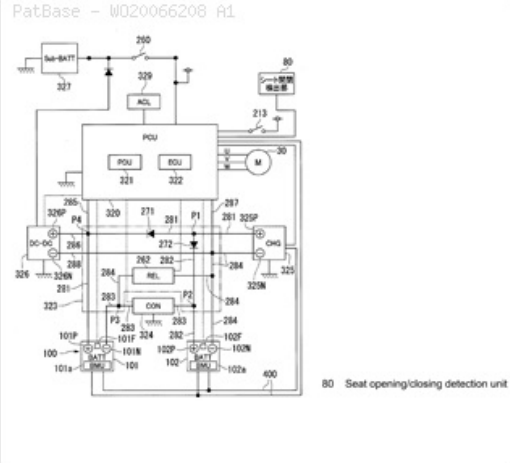
				certificate)	
JP6144993 B2	20170519	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170530
JP6144993 B2	20170607	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6144993 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP6144993 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP6144993 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP6144993 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52100437558 Effective date: 20210226
JP6144993 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP6144993 B2	20330808	PEXP		Calculated Patent Term Expiry	
US2015042122 AA	20150212	LSPB	+	published / reissued	
US2015042122 AA	20170501	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2015042122 AA	20170517	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9669736 BB	20140714	LSAS	AS	ASSIGNMENT	Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner Effective date: 20140707 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:IMAI, RYOJI;REEL/FRAME:033305/0409
US9669736 BB	20150223		RFE1	Docketed New Case - Ready for Examination	
US9669736 BB	20170517	LSGT	PAT1	Patented Case	
US9669736 BB	20170606	LSGT	+	granted / extensions (spc, cpc, pte)	
US9669736 BB	20201002	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9669736 BB	20350702	PEXP		Calculated Patent Term Expiry (PTA 353 days)	

17) Family number: 78178008 (WO20066208 A1)

Title: **SADDLE** -TYPE ELECTRIC VEHICLE

Abstract: This **saddle** -type electric vehicle is provided with a battery (100) which supplies power for travel, a battery housing unit which removably houses the battery (100), a **seat** which is disposed so as to be able to open and close the battery housing unit, a **seat** opening/closing detection unit (80) which detects the open/closed state of the **seat**, a charger (325) which charges the battery (100) in a state housed in the battery housing unit, and a charging cord which is connected to the charger (325) and which can connect to an external power supply. In a state in which the charging cord is connected to the external power supply, a charging standby state is assumed when the open state of the **seat** has been detected in the **seat** opening/closing detection unit (80), and a charging state is assumed when the closed state of the **seat** has been detected.

Classifications:
International (IPC 8-9): B60K1/04 B60L50/60 B60L53/00 B60L53/14 B60L53/16 B60L58/10 B62J1/12 B62J11/00 B62J11/19 B62J43/00 B62J43/10 B62J43/23 B62J43/30 B62J9/00 B62J99/00 B62K19/46 B62M6/80 B62M6/90 H02J7/00
CPC: B62J1/12 B62J11/00 B62J9/00 B62J99/00 Y02T10/70 Y02T10/7072 Y02T90/14



Family:

Publication number	Publication date	Application number	Application date
CN112752706 A	20210504	CN201980062683	20190705
DE112019004859 T5	20210624	DE201911004859T	20190705
IN202147017980 A	20210423	IN202147017980	20210419
WO20066208 A1	20200402	WO2019JP26814	20190705

Priority:
JP20180183890 20180928 WO2019JP26814 20190705

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): ICHIKAWA HIROKI ; ISHIKAWA JUN ; NISHIMIYA AYUMU ; YAMAGUCHI TAKAFUMI
Agent(s): MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN112752706 A	20210504	LSPB	+	published / reissued	
CN112752706 A	20210504	LSPB	PB01	PUBLICATION	
CN112752706 A	20210504	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN112752706 A	20210521		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN112752706 A	20210521		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
DE112019004859 T5	20210324	LSES	+R012	REQUEST FOR EXAMINATION VALIDLY FILED	
DE112019004859 T5	20210624	LSPB	+	published / reissued	
DE112019004859 T5	20210624		R226	PUBLICATION OF TRANSLATION OF PCT APPLICATION	
IN202147017980 A	20210423	LSPB	+	published / reissued	
WO20066208 A1	20200402	LSPB	+	published / reissued	
WO20066208 A1	20200513		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN	Kind code of Ref

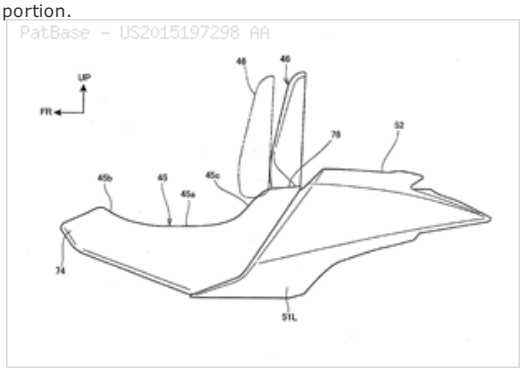
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WO20066208 A1	20200716		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO20066208 A1	20210205	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2020548017 Country of Ref document: JP
WO20066208 A1	20210324	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2101001704 Country of Ref document: TH

18) Family number: 59778182 (US2015197298 AA)

Title: **SEAT** PERIPHERAL STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: A rear **seat** for a **saddle** type vehicle that is readily adjustable without changing the position of a main **seat** to improve the riding comfort of the rear **seat**. A **saddle** type vehicle includes a head pipe, a main frame provided behind the head pipe and a **seat** rail extending to the rear of the main frame. A main **seat** is provided with a rear **seat** provided behind the main **seat** and formed as a separate member from the main **seat**. The rear **seat** is attached to a rear **seat** holding portion provided at a rear portion of the **seat** rail through a base plate for holding the rear **seat** thereon. The rear **seat** can be moved forwardly and rearwardly by making it possible for the base plate to be fixed at a plurality of positions in the forward and rearward direction with respect to the rear **seat** holding portion.

Classifications:
International (IPC 8-9): B62J1/02 B62J1/04 B62J1/08 B62J1/12 B62J1/14 B62J1/28 B62K19/30
CPC: B62J1/12 B62J1/14 B62J1/28 B62J25/08 B62K19/30
US: 1/1 297/195.1 297/215.14



Family:

Publication number	Publication date	Application number	Application date
JP2015131555 A2	20150723	JP20140003690	20140110
JP5951656 B2	20160713	JP20140003690	20140110
JP2015131556 A2	20150723	JP20140003691	20140110
JP5946478 B2	20160706	JP20140003691	20140110
TH148256 A	20160401	TH20141007727	20141224
TH74116 B	20200130	TH20141007727	20141224
US2015197298 AA	20150716	US20140567702	20141211
US9592869 BB	20170314	US20140567702	20141211

Priority:
JP20140003690 20140110 JP20140003691 20140110

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): HARAMOTO TAKAYUKI ; KASAI TAKAAKI ; KASAI TAKATERU ; MIKURA KEITA ; SASAKI TATSUYA ; TATSUMI TAKATOSHI ; TOKUDA YOSHIHITO ; TOKUDA YOSHITO ; UCHIDA SOYA
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
JP2015131555 A2	20150723	LSPB	+	published / reissued	
JP2015131556 A2	20150723	LSPB	+	published / reissued	
JP2015131556 A2	20151130		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20151127
JP2015131556 A2	20151202	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20151201 Text: JAPANESE INTERMEDIATE CODE: A131
JP2015131556 A2	20160118	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20160118
JP2015131556 A2	20160502	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2015131556 A2	20160510	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20160510 Text: JAPANESE INTERMEDIATE CODE: A01
JP2015131556 A2	20160609	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160531 Text: JAPANESE INTERMEDIATE CODE: A61
JP2015131556 A2	20160610	LSGT	+R150	CERTIFICATE OF	Text: JAPANESE INTERMEDIATE

				PATENT OR REGISTRATION OF UTILITY MODEL	CODE: R150 Ref document number: 5946478 Country of Ref document: JP
JP5946478 B2	20160512	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5946478 B2	20160512	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160510
JP5946478 B2	20160607	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5946478 B2	20160607	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20160531 Text: 51601137527
JP5946478 B2	20160610	LSGT	+R150	特許証 (Patent certificate)	
JP5946478 B2	20160610	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160621
JP5946478 B2	20160706	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5946478 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5946478 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190227 Text: 51900425746
JP5946478 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5946478 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5946478 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5946478 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP5946478 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5946478 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5946478 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP5946478 B2	20340110	PEXP		Calculated Patent Term Expiry	
JP5951656 B2	20151130		A977	REPORT ON RETRIEVAL	Effective date: 20151127 Text: JAPANESE INTERMEDIATE CODE: A971007
JP5951656 B2	20151202	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20151201 Text: JAPANESE INTERMEDIATE CODE: A131
JP5951656 B2	20160118	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20160118 Text: JAPANESE INTERMEDIATE CODE: A523
JP5951656 B2	20160509	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP5951656 B2	20160517	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20160517 Text: JAPANESE INTERMEDIATE CODE: A01
JP5951656 B2	20160519	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5951656 B2	20160519	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160517
JP5951656 B2	20160614	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5951656 B2	20160614	LSFE	R100	特許料納付書	Effective date: 20160608

				(Patent fee payment form)	Text: 51601193480
JP5951656 B2	20160617	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5951656 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5951656 B2	20160617	LSGT	+R150	特許証 (Patent certificate)	
JP5951656 B2	20160617	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160628
JP5951656 B2	20160713	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5951656 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5951656 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190227 Text: 51900425746
JP5951656 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5951656 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5951656 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5951656 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP5951656 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5951656 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5951656 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP5951656 B2	20340110	PEXP		Calculated Patent Term Expiry	
TH148256 A	20160401	LSPB	+	published / reissued	
TH74116 B	20200130	LSGT	+	granted / extensions (spc, cpc, pte)	
TH74116 B	20341224	PEXP		Calculated Patent Term Expiry	
US2015197298 AA	20150716	LSPB	+	published / reissued	
US2015197298 AA	20170222	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9592869 BB	20141217	LSAS	AS	ASSIGNMENT	Owner: HONDA MOTOR CO., LTD., JAPAN Effective date: 20141201 PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:SASAKI, TATSUYA;KASAI, TAKAAKI;TOKUDA, YOSHIHITO;AND OTHERS;REEL/FRAME:034671/0334
US9592869 BB	20150604		RFE1	Docketed New Case - Ready for Examination	
US9592869 BB	20170222	LSGT	PAT1	Patented Case	
US9592869 BB	20170314	LSGT	+	granted / extensions (spc, cpc, pte)	
US9592869 BB	20200903	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9592869 BB	20350312	PEXP		Calculated Patent Term Expiry (PTA 91 days)	

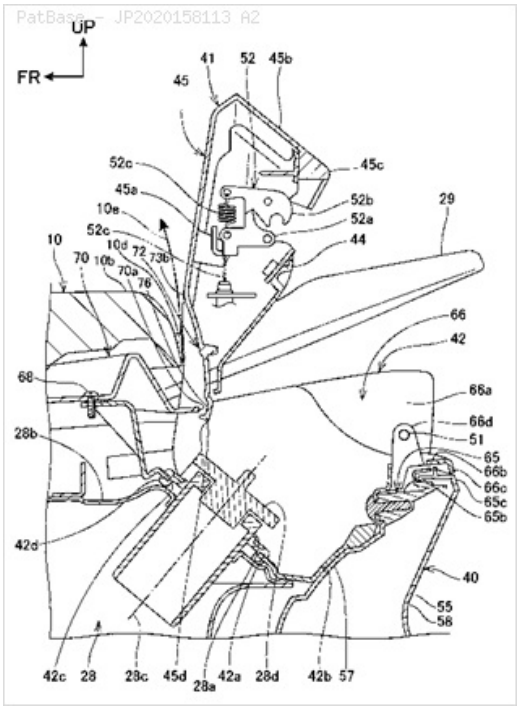
19) Family number: 81290308 (JP2020158113 A2)

Title: **SADDLE** RIDING-TYPE VEHICLE

Abstract: To provide a **saddle** riding-type vehicle comprising a lid that is supported openably and closably at a rear side of a **seat**, which allows the lid accessible to the inside of the lid to be easily opened largely from a rear side and can be made compact.SOLUTION: The **saddle** riding-type vehicle comprises a **seat** 10 on which an occupant is **seated** and a lid 41 which is provided behind the **seat** 10 and is supported openably and closably. The lid 41 is provided so that a front part of the lid 41 can turn around a turning shaft 43 extending in a vehicle width direction, and the lid 41 comprises a lid recessed part 72 that is recessed so that the lid 41 in an upward turned and opened state separates from a rear end part 10d of the **seat** 10.SELECTED DRAWING: Figure 8

Classifications:

International (IPC 8-9)**:** B60R11/02 B62D33/027 B62J1/12 B62J1/28 B62J23/00 B62J27/00 B62J35/00 B62K19/46



Family:

Publication number	Publication date	Application number	Application date
IN201941011859 A	20201002	IN201941011859	20190327
JP2020158113 A2	20201001	JP20200055044	20200325

Priority:

IN201941011859 20190327 JP20200055044 20200325

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std)**:** HONDA MOTOR CO LTD

Inventor(s): (std)**:** IBARAKI YUYA ; KISHI YUJI ; TAKIZAWA KOTA

Inventor(s): KISHI HIROSHI

Legal status (INPADOC)

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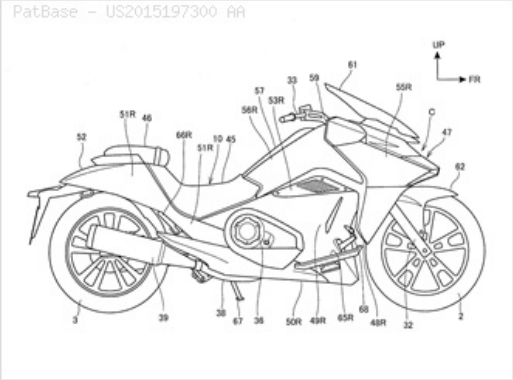
Patent	Date recorded	Event group	Code	Event	Details
IN201941011859 A	20201002	LSPB	+	published / reissued	
JP2020158113 A2	20201001	LSPB	+	published / reissued	
JP2020158113 A2	20201127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20201127
JP2020158113 A2	20201127	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201127
JP2020158113 A2	20210706		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210706
JP2020158113 A2	20210706		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20210706

20) Family number: 59778158 (US2015197300 AA)

Title: STORAGE STRUCTURE FOR **SADDLE** -RIDE TYPE VEHICLE

Abstract: A storage structure for a **saddle** -ride type vehicle to enable an item to be easily stored in or retrieved from a storage portion to improve handleability of the storage portion. The storage portion includes an opening provided at a position shifted to one or each side of a front cover in a left-right direction with a recess portion being concave downwardly from the opening to form a storage space. A lid is provided for covering the opening of the recess portion openably and closably. The lid is attached to an upper wall portion defining the recess portion, openably and closably via a hinge.

Classifications:
International (IPC 8-9): B60R16/023 B60R5/02 B62J17/02 B62J7/06 B62J9/00 B62J99/00
CPC: B62J17/02 B62J7/06
US: 1/1 296/37.1



Family:

Publication number	Publication date	Application number	Application date
JP2015131554 A2	20150723	JP20140003651	20140110
JP5951655 B2	20160713	JP20140003651	20140110
TH148652 A	20160412	TH20141007729	20141224
TH73445 B	20191227	TH20141007729	20141224
US2015197300 AA	20150716	US20150590114	20150106
US9394024 BB	20160719	US20150590114	20150106

Priority:
JP20140003651 20140110

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): MAEDA RUI ; MIZUTA KOJI ; YAMADA MASAOMI
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
JP2015131554 A2	20150723	LSPB	+	published / reissued	
JP5951655 B2	20151113		A977	REPORT ON RETRIEVAL	Effective date: 20151112 Text: JAPANESE INTERMEDIATE CODE: A971007
JP5951655 B2	20151118	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20151117
JP5951655 B2	20160112	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20160112 Text: JAPANESE INTERMEDIATE CODE: A523
JP5951655 B2	20160601	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP5951655 B2	20160607	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20160607
JP5951655 B2	20160609	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5951655 B2	20160609	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160607
JP5951655 B2	20160614	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5951655 B2	20160614	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20160608 Text: 51601193481
JP5951655 B2	20160617	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5951655 Text: JAPANESE INTERMEDIATE CODE: R150

					Country of Ref document: JP
JP5951655 B2	20160617	LSGT	+R150	特許証 (Patent certificate)	
JP5951655 B2	20160617	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160628
JP5951655 B2	20160713	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5951655 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5951655 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51900425746 Effective date: 20190227
JP5951655 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5951655 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5951655 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5951655 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52000421914 Effective date: 20200228
JP5951655 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5951655 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5951655 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP5951655 B2	20340110	PEXP		Calculated Patent Term Expiry	
TH148652 A	20160412	LSPB	+	published / reissued	
TH73445 B	20191227	LSGT	+	granted / extensions (spc, cpc, pte)	
TH73445 B	20341224	PEXP		Calculated Patent Term Expiry	
US2015197300 AA	20150716	LSPB	+	published / reissued	
US2015197300 AA	20160629	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9394024 BB	20150108	LSAS	AS	ASSIGNMENT	PartyType: owner Effective date: 20141225 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MAEDA, RUI;YAMADA, MASAOMI;MIZUTA, KOJI;REEL/FRAME:034668/0177 Owner: HONDA MOTOR CO., LTD., JAPAN
US9394024 BB	20150428		RFE1	Docketed New Case - Ready for Examination	
US9394024 BB	20160315	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US9394024 BB	20160629	LSGT	PAT1	Patented Case	
US9394024 BB	20160719	LSGT	+	granted / extensions (spc, cpc, pte)	
US9394024 BB	20200103	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
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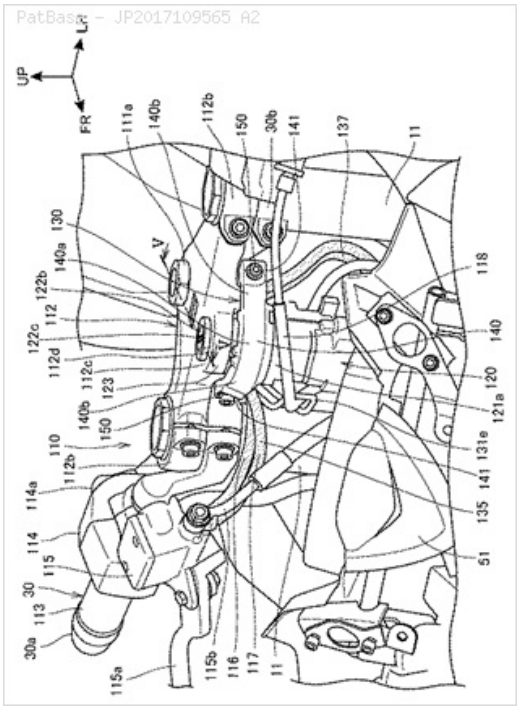
21) Family number: 66106553 (JP2017109565 A2)

Title: HARNESS GUIDE STRUCTURE OF **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To allow providing of a guide member for guiding harnesses and enable reduction of an air resistance even when a space forward of a top bridge is limited.SOLUTION: A harness guide structure of a **saddle** -riding type vehicle comprises, forward of a top bridge 112, a guide member 130 for guiding harnesses 116, 117 from a right handle 30a. The top bridge 112 is provided with a key cylinder 120 at a front part of the center in the vehicle width direction. The harnesses 116, 117 are led from one side to the other side passing in front of the key cylinder 120, and the harnesses 116, 117 are guided caught between the guide member 130, which covers the harnesses 116, 117 from the front, and the key cylinder 120.SELECTED DRAWING: Figure 4

Classifications:

International (IPC 8-9): B62H1/02 B62H5/08 B62J11/19 B62J17/04 B62J6/18 B62K19/30 B62K21/18 F02M35/10



Family:

Publication number	Publication date	Application number	Application date
IN201614039622 A	20170616	IN201614039622	20161121
JP2017109565 A2	20170622	JP20150244440	20151215
JP6166333 B2	20170719	JP20150244440	20151215
TH169273 A	20171019	TH20161007433	20161214
TH68341 B	20190222	TH20161007433	20161214

Priority:

JP20150244440 20151215 TH20161007433 20161214

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Inventor(s): (std): FUKUDA KAZUHIRO ; ICHIOKA JUNICHI ; KUBOZONO MUNEHIRO ; MATSUZAKI TEPPEI

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
IN201614039622 A	20170616	LSPB	+	published / reissued	
JP2017109565 A2	20170613	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2017109565 A2	20170620	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20170620 Text: JAPANESE INTERMEDIATE CODE: A01
JP2017109565 A2	20170622	LSPB	+	published / reissued	
JP2017109565 A2	20170629	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20170622 Text: JAPANESE INTERMEDIATE CODE: A61
JP2017109565 A2	20170630	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6166333 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP

JP6166333 B2	20170622	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6166333 B2	20170622	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20170620
JP6166333 B2	20170627	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6166333 B2	20170627	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20170622 Text: 51701323873
JP6166333 B2	20170630	LSGT	+R150	特許証 (Patent certificate)	
JP6166333 B2	20170630	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170711
JP6166333 B2	20170719	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6166333 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP6166333 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP6166333 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP6166333 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP6166333 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP6166333 B2	20351215	PEXP		Calculated Patent Term Expiry	
TH169273 A	20171019	LSPB	+	published / reissued	
TH68341 B	20190222	LSGT	+	granted / extensions (spc, cpc, pte)	
TH68341 B	20361214	PEXP		Calculated Patent Term Expiry	

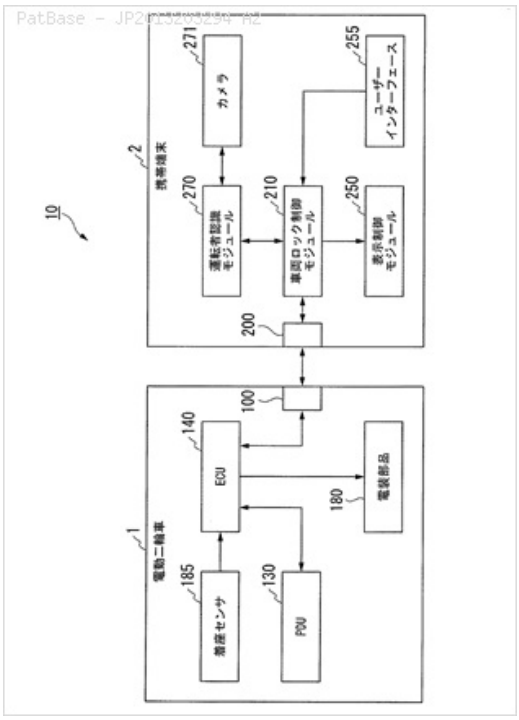
22) Family number: 55018232 (JP2013203294 A2)

Title: VEHICLE **LOCK** SYSTEM

Abstract: PROBLEM TO BE SOLVED: To provide a vehicle **lock** system that **locks** a vehicle so that even when a user temporarily gets out of the vehicle, the vehicle cannot travel, and also unlocks the vehicle through easy operation so that the vehicle can travel.SOLUTION: A vehicle **lock** system includes: an ECU 140 which outputs getting-on/off information generated by determining whether a driver gets on a vehicle; and a portable terminal 2 attached removably by a driver of the two-wheeled electric vehicle 1. The portable terminal 2 includes: a vehicle **lock** control modules 210 which **locks** or unlocks the two-wheeled electric vehicle 1 on the basis of the getting-on/off information; a user interface 255 which outputs operation information corresponding to an operation for unlocking; and a display control module 250 which displays a method of operating the user interface 255. The portable terminal 2 determines whether an occupant who gets on is the driver of the two-wheeled electric vehicle 1 on the basis of the operation information to unlock the two-wheeled electric vehicle 1 according to a determination result.

Classifications:

International (IPC 8-9): B60R25/01 B60R25/10 B62H5/00 B62J99/00 B62K3/00 E05B49/00



Family:

Publication number	Publication date	Application number	Application date
IN01277CH2013 A	20150821	IN2013CH01277	20130325
JP2013203294 A2	20131007	JP20120075784	20120329

Priority:

JP20120075784 20120329

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): HOSHI TOMOHIRO ; HOSHI TOSHIHIRO ; KANEDA HIROYUKI ; KANETA HIROYUKI ; KOYAMA TAKAHIRO ; MORI NORIYUKI ; MURAKAMI HISASHI ; MURAKAMI TAKASHI ; NOSE TSUBASA ; ONO JUNYA ; OYAMA TAKAHIRO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
IN01277CH2013 A	20150821	LSPB	+	published / reissued	
JP2013203294 A2	20131007	LSPB	+	published / reissued	
JP2013203294 A2	20141128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2013203294 A2	20150715		A977	REPORT ON RETRIEVAL	Effective date: 20150715 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2013203294 A2	20150819	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20150818
JP2013203294 A2	20151216	LSRV	-A02	DECISION OF REFUSAL	Effective date: 20151215 Text: JAPANESE INTERMEDIATE CODE:

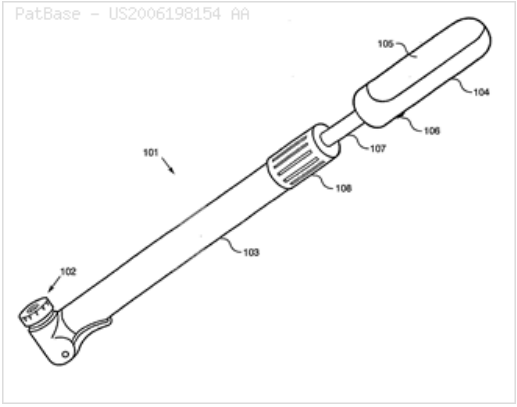
A02

23) Family number: 28522577 (US2006198154 AA)

Title: VEHICLE SAFETY WARNING SIGNAL DEVICES AND SYSTEM FOR USE ON A BICYCLE, **MOTORCYCLE** OR LIKE VEHICLE

Abstract: A vehicle safety warning signal system for use on a bicycle, **motorcycle**, or like vehicle comprises: an elongate air pump (101) having a longitudinal length, the pump being provided to function as a visual warning device, such as, for example, by way of inclusion of an electrically powered light (105); and an attachment assembly configured to releasably attach the pump to the vehicle for operation in providing a visual warning signal, wherein: the attachment assembly is configured to hold the pump in at least a first position such that the longitudinal length of the pump is transverse to the main plane of the frame of the vehicle.

Classifications:
International (IPC 8-9): B60C23/00 B60C23/10 B62J6/00 F04B33/00 F21V33/00
International (IPC 1-7): B60C23/10 B62J6/00 B62J6/04 F04B33/00 F21V33/00
CPC: B62J27/00 B62J6/00 F04B33/005
US: 362/473



Family:

Publication number	Publication date	Application number	Application date
AU2003278345 AA	20041011	AU20030278345	20031024
CN1759031 A	20060412	CN200380110167	20031024
EP1603793 A1	20051214	EP20030769655	20031024
GB200305998 A0	20030423	GB20030005998	20030315
GB2399621 A1	20040922	GB20030005998	20030315
US2006198154 AA	20060907	US20030549021	20031024
US7232244 BB	20070619	US20030549021	20031024
WO04083026 A1	20040930	WO2003GB04619	20031024
WO04083026 C1	20041223	WO2003GB04619	20031024

Priority:
GB20030005998 20030315 WO2003GB04619 20031024

Probable Assignee: SMITH DAVID
Assignee(s): (std): DENNIS NAYLOR ; NAYLOR DENNIS
Assignee(s): SMITH DAVID
Inventor(s): (std): DENNIS NAYLOR ; NAYLOR DENNIS
Agent(s): WOODARD EMHARDT MORIARTY MCNETT AND HENRY LLP
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AU2003278345 AA	20041011	LSPB	+	published / reissued	
AU2003278345 AA	20051201	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2)(F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
CN1759031 A	20060412	LSPB	+	published / reissued	
CN1759031 A	20060412	LSPB	+C06	PUBLICATION	
CN1759031 A	20060607		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN1759031 A	20060719	LSAS	ASS	SUCCESSION OR ASSIGNMENT OF PATENT RIGHT	OldParty: FORMER OWNER: DENNIS, LE Owner: DENNIS, LE; APPLICANT PartyType: owner Effective date: 20060616
CN1759031 A	20060719	LSAS	C41	TRANSFER OF PATENT APPLICATION OR PATENT RIGHT OR	

				UTILITY MODEL	
CN1759031 A	20080416	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
EP1603793 A1	20051028		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1603793 A1	20051214	LSPB	+	published / reissued	
EP1603793 A1	20051214	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20050923
EP1603793 A1	20051214		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1603793 A1	20051214		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1603793 A1	20060503	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: NAYLOR, DENNIS PartyType: owner
EP1603793 A1	20060503	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: SMITH, DAVID PartyType: owner
EP1603793 A1	20060503		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: NAYLOR, DENNIS PartyType: inventor
EP1603793 A1	20060621		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP1603793 A1	20070928		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE APPLICATION IS DEEMED TO BE WITHDRAWN
EP1603793 A1	20071031	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20070501
GB2399621 A1	20040922	LSPB	+	published / reissued	
GB2399621 A1	20080123	LSWD	-WAP	APPLICATION WITHDRAWN, TAKEN TO BE WITHDRAWN OR REFUSED ** AFTER PUBLICATION UNDER SECTION 16(1)	
US2006198154 AA	20060907	LSPB	+	published / reissued	
US7232244 BB	20060504	LSAS	AS	ASSIGNMENT	Effective date: 20060207 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:NAYLOR, DENNIS;REEL/FRAME:017583/0051 Owner: SMITH, DAVID, UNITED KINGDOM PartyType: owner
US7232244 BB	20070619	LSGT	+	granted / extensions (spc, cpc, pte)	
US7232244 BB	20110124		REMI	MAINTENANCE FEE REMINDER MAILED	
US7232244 BB	20110619	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	

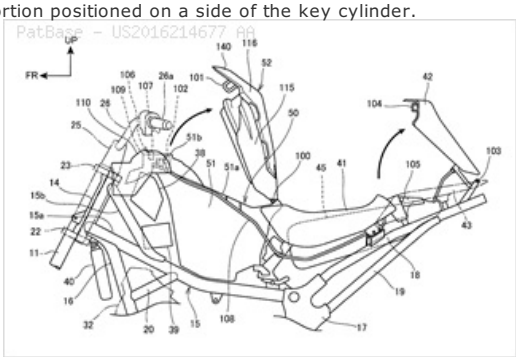
US7232244 BB	20110718	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
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US7232244 BB	20231024	PEXP		Calculated Patent Term Expiry	
WO04083026 A1	20040930	LSPB	+	published / reissued	
WO04083026 A1	20040930		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
WO04083026 A1	20040930		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AM AT AZ BE BF BG BJ BY CF CG CH CI CM CY CZ DE DK EE ES FI FR GA GB GH GM GN GQ GR GW HU IE IT KE KG KZ LS LU MC MD ML MR MW MZ NE NL PT RO RU SD SE SI SK SL SN SZ TD TG TJ TM TR TZ UG ZM ZW
WO04083026 A1	20041124		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO04083026 C1	20041223		CFP	CORRECTED VERSION OF A PAMPHLET FRONT PAGE	
WO04083026 C1	20041223	LSRE	CR1	CORRECTION OF ENTRY IN SECTION I	Text: IN PCT GAZETTE 40/2004 ADD "DECLARATION UNDER RULE 4.17: - OF INVENTORSHIP (RULE 4.17(IV)) FOR US ONLY."
WO04083026 C1	20050915	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 20038B01673 Country of Ref document: CN
WO04083026 C1	20050915	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 10549021 Country of Ref document: US
WO04083026 C1	20050923	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2003769655 Country of Ref document: EP
WO04083026 C1	20051214	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: 2003769655 Country of Ref document: EP
WO04083026 C1	20060907	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: 10549021 Country of Ref document: US
WO04083026 C1	20070213	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: JP
WO04083026 C1	20070213	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	Text: JP
WO04083026 C1	20070501	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	Ref document number: 2003769655 Country of Ref document: EP

24) Family number: 62988161 (US2016214677 AA)

Title: STORAGE PART STRUCTURE OF **SADDLE** -RIDE-TYPE VEHICLE

Abstract: A storage part structure of a **saddle** -ride-type vehicle with a key cylinder for opening or closing of a box lid with a simple structure. The storage part structure for a **saddle** -ride-type vehicle includes a head pipe, a main frame extending rearwardly from the head pipe, a storage box arranged in the vicinity of the main frame wherein the storage box opens upwardly. A box lid covers an opening portion of the upwardly openable storage box in an openable and closable manner, wherein a key cylinder for operating a box-side **locking** **mechanism** for **locking** the box lid is arranged behind a handle holder and in front of the storage box. The box lid includes an arm portion positioned on a side of the key cylinder.

Classifications:
International (IPC 8-9): B62J1/12 B62J11/00 B62J23/00 B62J9/00 B62J99/00 B62K11/04 B62K19/30 B62K19/46
CPC: B62J9/25 B62K11/04 B62K19/30 B62K19/46
US: 1/1 280/202



Family:

Publication number	Publication date	Application number	Application date
BR102016001144 A2	20160913	BR20161001144	20160119
DE602016036892 D1	20200618	DE201660036892T	20160114
EP3048033 A1	20160727	EP20160151218	20160114
EP3048033 B1	20200527	EP20160151218	20160114
JP2016135654 A2	20160728	JP20150011548	20150123
JP6208698 B2	20171004	JP20150011548	20150123
TW201637920 A	20161101	TW20160101367	20160118
TWI617476 B	20180311	TW20160101367	20160118
US2016214677 AA	20160728	US20150961142	20151207
US9902456 BB	20180227	US20150961142	20151207

Priority:
JP20150011548 20150123 EP20160151218 20160114

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): FUJIMOTO YUKIFUYU ; FUJIMOTO YUKITOU ; HAMAGUCHI DAIKI ; MIZUTA KOJI
Inventor(s): DAIKI HAMAGUCHI ; KOJI MIZUTA ; YUKITOU FUJIMOTO
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP; BREVALEX; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR102016001144 A2	20160913	LSPB	+	published / reissued	
BR102016001144 A2	20160913	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BR102016001144 A2	20200630		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
EP3048033 A1	20160624		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED	Text: ORIGINAL CODE: 0009012

				INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	
EP3048033 A1	20160727	LSPB	+	published / reissued	
EP3048033 A1	20160727	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20160114
EP3048033 A1	20160727		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3048033 A1	20160727		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3048033 A1	20160727		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3048033 A1	20170301		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3048033 A1	20180126		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP3048033 A1	20180228	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20180125
EP3048033 A1	20191217		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3048033 A1	20191217		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3048033 A1	20200115	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191218
EP3048033 A1	20200411	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3048033 A1	20200424	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3048033 A1	20200424		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3048033 B1	20200527	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3048033 B1	20200527		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3048033 B1	20200527	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3048033 B1	20200529	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP3048033 B1	20200615	LSNP	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref country code: AT Ref document number: 1274292 Effective date: 20200615 Ref legal event code: REF Country of Ref document: AT
EP3048033 B1	20200618	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602016036892 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP3048033 B1	20201026	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A	Lapsed date: 20200828

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: FI
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200927 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200827 Country of Ref document: NO
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200928 Country of Ref document: PT
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3048033 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3048033 B1	20201104		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20200527
EP3048033 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: RS
EP3048033 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200827 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP3048033 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: LV
EP3048033 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3048033 B1	20201215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Effective date: 20200527 Ref document number: 1274292 Kind code of Ref document: T Ref legal event code: MK05 Country of Ref document: AT

EP3048033 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP3048033 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: DK
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: IT
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: EE
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: SM
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: RO
EP3048033 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200527 Country of Ref document: CZ
EP3048033 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3048033 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK

EP3048033 B1	20210302	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602016036892 Ref legal event code: R097 Ref country code: DE Country of Ref document: DE
EP3048033 B1	20210403		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3048033 B1	20210505	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20210302
EP3048033 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200527 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3048033 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210112 Year of fee payment: 6 Country of Ref document: DE
EP3048033 B1	20360114	PEXP		Calculated Patent Term Expiry	
JP2016135654 A2	20160728	LSPB	+	published / reissued	
JP2016135654 A2	20161004	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20161004
JP2016135654 A2	20161201	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20161201 Text: JAPANESE INTERMEDIATE CODE: A523
JP2016135654 A2	20170523	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20170523 Text: JAPANESE INTERMEDIATE CODE: A131
JP2016135654 A2	20170607	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20170607 Text: JAPANESE INTERMEDIATE CODE: A523
JP2016135654 A2	20170815	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2016135654 A2	20170822	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20170822 Text: JAPANESE INTERMEDIATE CODE: A01
JP2016135654 A2	20170914	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20170907
JP2016135654 A2	20170915	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6208698 Country of Ref document: JP
JP6208698 B2	20170824	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6208698 B2	20170824	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20170822
JP6208698 B2	20170912	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6208698 B2	20170912	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20170907 Text: 51701885970
JP6208698 B2	20170915	LSGT	+R150	特許証 (Patent certificate)	
JP6208698 B2	20170915	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170926
JP6208698 B2	20171004	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6208698 B2	20200601	LSFE	R20	特許料納付書 (Patent fee	Text: 52001104487 Effective date: 20200529

				payment form)	
JP6208698 B2	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP6208698 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210531 Text: 52101163709
JP6208698 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP6208698 B2	20350123	PEXP		Calculated Patent Term Expiry	
TW201637920 A	20161101	LSPB	+	published / reissued	
TWI617476 B	20180311	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI617476 B	20201211	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	
TWI617476 B	20360118	PEXP		Calculated Patent Term Expiry	
US2016214677 AA	20160308		RFE1	Docketed New Case - Ready for Examination	
US2016214677 AA	20160728	LSPB	+	published / reissued	
US2016214677 AA	20170627	LSES	NFA1	Non Final Action Mailed	
US2016214677 AA	20171004		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2016214677 AA	20171012	LSES	ALW2	Allowed -- Notice of Allowance Not Yet Mailed	
US2016214677 AA	20171013	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2016214677 AA	20180207	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9902456 BB	20151209	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MIZUTA, KOJI;FUJIMOTO, YUKITOU;HAMAGUCHI, DAIKI;REEL/FRAME:037251/0547 PartyType: owner Owner: HONDA MOTOR CO., LTD., JAPAN Effective date: 20151125
US9902456 BB	20180207	LSGT	PAT1	Patented Case	
US9902456 BB	20180227	LSGT	+	granted / extensions (spc, cpc, pte)	
US9902456 BB	20360427	PEXP		Calculated Patent Term Expiry (PTA 142 days)	

25) Family number: 30739881 (EP1440875 A1)

Title: **SEAT** FOR A **MOTORCYCLE** COMPRISING ATTACHING MEANS FOR AN OBJECT

Abstract: The **saddle** has a fixing device for attaching an object e.g. piece of luggage (12). An attaching unit (110) is placed to cooperate with another attaching unit (120) joined to the object. The device has a rack **mechanism** rotating freely on a transversal axis, to cooperate with a transversal shaft that is situated at an end of a longitudinal arm, to modify a vertical position on the arm. The fixing device has a support to be joined to a fixing unit on a **motorcycle**.

Classifications:
International (IPC 8-9): B62J7/00 B62J7/04 B62J9/00
International (IPC 1-7): B62J9/00
CPC: B62J7/04 B62J9/26

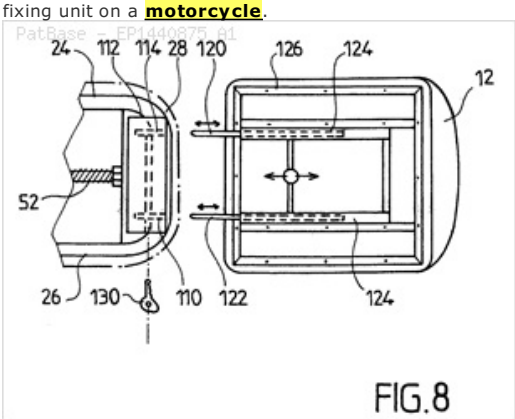


FIG.8

Family:

Publication number	Publication date	Application number	Application date
EP1440875 A1	20040728	EP20030290201	20030127

Priority:
EP20030290201 20030127

Probable Assignee: BAGSTER

Assignee(s): (std): BAGSTER

Inventor(s): (std): CRUZIO LUDOVIC ; NICOLAS JEROME

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

Legal status (INPADOC)

View legal status timeline

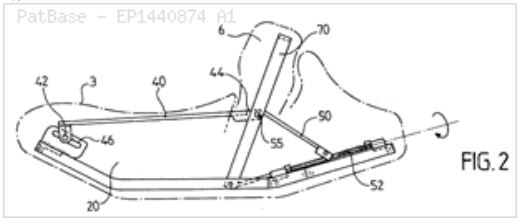
Patent	Date recorded	Event group	Code	Event	Details
EP1440875 A1	20040611		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1440875 A1	20040728	LSPB	+	published / reissued	
EP1440875 A1	20040728		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR
EP1440875 A1	20040728		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK RO
EP1440875 A1	20050420	LSFE	+AKX	DESIGNATION FEES PAID	Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR
EP1440875 A1	20050909		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE APPLICATION IS DEEMED TO BE WITHDRAWN
EP1440875 A1	20051026	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20050129

26) Family number: 30739880 (EP1440874 A1)

Title: **SEAT** WITH INNER VERTICAL REGULATION DEVICE, ESPECIALLY FOR A **MOTORCYCLE**

Abstract: The **seat** has an envelope (3) in the shape of the **seat** and filled with an elastic and flexible material. A vertical adjustment device (20) is placed inside the envelope. The device has a push button activated by a maneuverable organ handled by a user to slide between two ends of the longitudinal arm along slanting guides of a fixed frame. The arms are selectively placed in chosen vertical position so that it remains horizontal.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/10 B62J9/00
International (IPC 1-7): B62J1/10 B62J1/26 B62J9/00 B62K11/00
CPC: B62J1/10 B62J1/12 B62J9/26



Family:

Publication number	Publication date	Application number	Application date
EP1440874 A1	20040728	EP20030290200	20030127

Priority:

EP20030290200 20030127

Probable Assignee: BAGSTER SA

Assignee(s): (std): BAGSTER SA

Inventor(s): (std): CRUZIO LUDOVIC ; NICOLAS JEROME

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

Legal status (INPADOC)

View legal status timeline

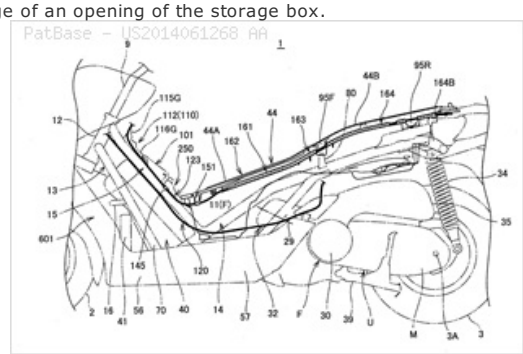
Patent	Date recorded	Event group	Code	Event	Details
EP1440874 A1	20040611		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1440874 A1	20040728	LSPB	+	published / reissued	
EP1440874 A1	20040728		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR
EP1440874 A1	20040728		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK RO
EP1440874 A1	20050420	LSFE	+AKX	DESIGNATION FEES PAID	Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR
EP1440874 A1	20050909		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE APPLICATION IS DEEMED TO BE WITHDRAWN
EP1440874 A1	20051026	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20050129

27) Family number: 55893055 (US2014061268 AA)

Title: ROUTING STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: A routing structure for a **saddle** type vehicle for suppressing an increase in the number of parts while the appearance of play is suppressed. The routing structure for a **saddle** type vehicle includes a cable guide portion formed integrally with a storage box and configured to guide an operational cable of a wire cable structure. The cable guide portion is formed in a shape of a gutter along an outer side of a peripheral edge of an opening of the storage box.

Classifications:
International (IPC 8-9): B62J1/12 B62J11/00 B62J11/10 B62J11/13 B62J23/00 B62J9/00 B62J99/00 B62K19/46
CPC: B62J1/12 B62J11/13 B62J9/22 B62K19/46 B62K2202/00
US: 1/1 224/413



Family:

Publication number	Publication date	Application number	Application date
DE102013216936 A1	20140306	DE201310216936	20130826
DE102013216936 B4	20200910	DE201310216936	20130826
ITTO20130662 A1	20140301	IT2013TO00662	20130802
JP2014043191 A2	20140313	JP20120187257	20120828
JP6151896 B2	20170621	JP20120187257	20120828
TH137407 A	20141017	TH20131003813	20130708
TH61261 B	20180307	TH20131003813	20130708
US2014061268 AA	20140306	US20130921434	20130619
US9221512 BB	20151229	US20130921434	20130619

Priority:
JP20120187257 20120828

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): IBARAKI YUYA ; YAMANAKA NORIZUMI ; YAMANAKA TAKASUMI
Inventor(s): IBARAKI YUYA WAKO SHI ; YAMANAKA TAKASUMI WAKO SHI
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP; WEICKMANN AND WEICKMANN PATENT U RECHTSANWAELTE PARTMBB

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE102013216936 A1	20130826	LSES	+R012	REQUEST FOR EXAMINATION VALIDLY FILED	
DE102013216936 A1	20130903		R079	AMENDMENT OF IPC MAIN CLASS	Text: PREVIOUS MAIN CLASS: B62K0011000000 ClassificationScheme: IPC ClassificationSymbol: B62J0009000000
DE102013216936 A1	20140306	LSPB	+	published / reissued	
DE102013216936 A1	20150414		+R163	IDENTIFIED PUBLICATIONS NOTIFIED	
DE102013216936 A1	20150521		+R163	IDENTIFIED PUBLICATIONS NOTIFIED	Effective date: 20150414
DE102013216936 A1	20150819	LSES	R016	RESPONSE TO EXAMINATION COMMUNICATION	
DE102013216936 A1	20180514	LSES	R016	RESPONSE TO EXAMINATION COMMUNICATION	
DE102013216936 A1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	Text: PREVIOUS MAIN CLASS: B62J0009000000 ClassificationScheme: IPC ClassificationSymbol: B62J0009000000
DE102013216936 A1	20200528	LSGT	+R018	GRANT DECISION BY EXAMINATION SECTION/EXAMINING	

				DIVISION	
DE102013216936 B4	20200910	LSGT	+	granted / extensions (spc, cpc, pte)	
DE102013216936 B4	20210611	LSGT	+R020	PATENT GRANT NOW FINAL	
DE102013216936 B4	20330826	PEXP		Calculated Patent Term Expiry	
ITTO20130662 A1	20140301	LSPB	+	published / reissued	
JP2014043191 A2	20140313	LSPB	+	published / reissued	
JP2014043191 A2	20141128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20141127
JP2014043191 A2	20150907		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20150907
JP2014043191 A2	20150930	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20150929
JP2014043191 A2	20151130	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20151130
JP2014043191 A2	20160531	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20160531 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014043191 A2	20160801	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20160801
JP2014043191 A2	20170207	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20170207
JP2014043191 A2	20170403	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20170403
JP2014043191 A2	20170425	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014043191 A2	20170509	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20170509 Text: JAPANESE INTERMEDIATE CODE: A01
JP2014043191 A2	20170601	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20170526 Text: JAPANESE INTERMEDIATE CODE: A61
JP2014043191 A2	20170602	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6151896 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6151896 B2	20170511	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6151896 B2	20170511	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20170509
JP6151896 B2	20170530	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6151896 B2	20170530	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20170526 Text: 51701123697
JP6151896 B2	20170602	LSGT	+R150	特許証 (Patent certificate)	
JP6151896 B2	20170602	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170613
JP6151896 B2	20170621	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6151896 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP6151896 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52000421914 Effective date: 20200228
JP6151896 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP6151896 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52100437558 Effective date: 20210226
JP6151896 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319

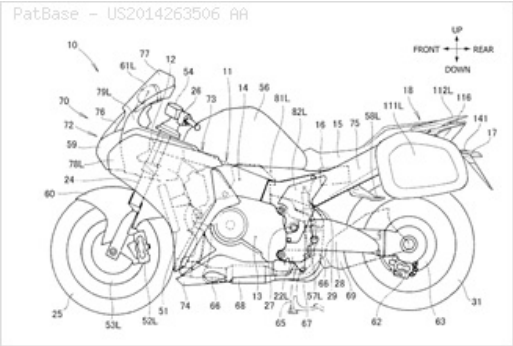
JP6151896 B2	20320828	PEXP		Calculated Patent Term Expiry	
TH137407 A	20141017	LSPB	+	published / reissued	
TH61261 B	20180307	LSGT	+	granted / extensions (spc, cpc, pte)	
TH61261 B	20330708	PEXP		Calculated Patent Term Expiry	
US2014061268 AA	20140306	LSPB	+	published / reissued	
US2014061268 AA	20151209	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9221512 BB	20130620	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:IBARAKI, YUYA;YAMANAKA, TAKASUMI;SIGNING DATES FROM 20030603 TO 20130603;REEL/FRAME:030655/0528 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US9221512 BB	20151201	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US9221512 BB	20151209	LSGT	PAT1	Patented Case	
US9221512 BB	20151229	LSGT	+	granted / extensions (spc, cpc, pte)	
US9221512 BB	20190613	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9221512 BB	20330619	PEXP		Calculated Patent Term Expiry	

28) Family number: 57426331 (US2014263506 AA)

Title: REAR PORTION STRUCTURE OF VEHICLE

Abstract: A technology is provided which can enhance the appearance of a vehicle in terms of a rear portion structure of the vehicle wherein a **saddle** bag is provided removably. A **motorcycle** includes a rear fender which covers a rear wheel, a rear cowl which covers a rear portion of the vehicle, and a **saddle** bag removably attached to the rear cowl and the rear fender. In the **motorcycle**, **saddle** bag attachment holes are provided on the rear cowl and the rear fender. When the **saddle** bag is not mounted on the vehicle, the **saddle** bag attachment holes are covered with movable members. The movable members are a passenger step and a passenger grip.

Classifications:
International (IPC 8-9): B62J1/28 B62J11/00 B62J15/00 B62J23/00 B62J25/00 B62J7/04 B62J9/00 B62K19/30
CPC: B62J1/28 B62J25/00 B62J9/00 B62J9/20
US: 1/1 224/413



Family:

Publication number	Publication date	Application number	Application date
JP2014177151 A2	20140925	JP20130050942	20130313
JP6071665 B2	20170201	JP20130050942	20130313
US2014263506 AA	20140918	US20140199218	20140306
US9365253 BB	20160614	US20140199218	20140306

Priority:
JP20130050942 20130313

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KISHI TOSHIAKI ; PETERSSON MARTIN
Agent(s): SUMIYOSHI KATSUHIKO; WESTERMAN HATTORI DANIELS AND ADRIAN LLP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
JP2014177151 A2	20140925	LSPB	+	published / reissued	
JP2014177151 A2	20151126	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20151126 Text: JAPANESE INTERMEDIATE CODE: A621
JP2014177151 A2	20160330		RD03	NOTIFICATION OF APPOINTMENT OF POWER OF ATTORNEY	Text: JAPANESE INTERMEDIATE CODE: A7423 Effective date: 20160330
JP2014177151 A2	20160715		A977	REPORT ON RETRIEVAL	Effective date: 20160714 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2014177151 A2	20160726	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20160726 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014177151 A2	20160926	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20160926
JP2014177151 A2	20161129	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014177151 A2	20161206	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20161206
JP2014177151 A2	20170112	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20161227 Text: JAPANESE INTERMEDIATE CODE: A61
JP2014177151 A2	20170113	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6071665 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP

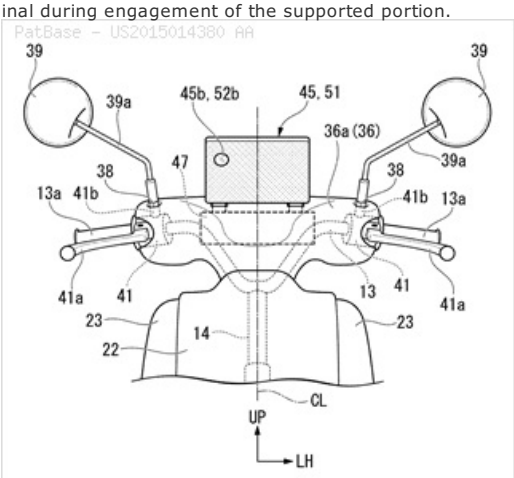
JP6071665 B2	20161208	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6071665 B2	20161208	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20161206
JP6071665 B2	20170110	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6071665 B2	20170110	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20161227 Text: 51602710103
JP6071665 B2	20170113	LSGT	+R150	特許証 (Patent certificate)	
JP6071665 B2	20170113	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170124
JP6071665 B2	20170201	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6071665 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP6071665 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51902564131 Effective date: 20191206
JP6071665 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP6071665 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP6071665 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP6071665 B2	20330313	PEXP		Calculated Patent Term Expiry	
US2014263506 AA	20140918	LSPB	+	published / reissued	
US2014263506 AA	20160525	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9365253 BB	20140516		RFE1	Docketed New Case - Ready for Examination	
US9365253 BB	20140707	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KISHI, TOSHIAKI;PETERSSON, MARTIN;SIGNING DATES FROM 20140214 TO 20140620;REEL/FRAME:033247/0855 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US9365253 BB	20160525	LSGT	PAT1	Patented Case	
US9365253 BB	20160614	LSGT	+	granted / extensions (spc, cpc, pte)	
US9365253 BB	20200203	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9365253 BB	20200720	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9365253 BB	20200720	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US9365253 BB	20200720	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US9365253 BB	20200811	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20200614
US9365253 BB	20341218	PEXP		Calculated Patent Term Expiry (PTA 287 days)	

29) Family number: 54741840 (US2015014380 AA)

Title: PERSONAL DIGITAL ASSISTANT ATTACHMENT STRUCTURE FOR **SADDLE** -RIDE VEHICLE

Abstract: A personal digital assistant attachment structure is used for a **saddle** -ride vehicle and removably attaches a personal digital assistant including a display screen to a vehicle body. The attachment structure includes a terminal holder that includes a connector cord and a supported portion and is provided separately from the vehicle body. The supported portion includes a cord holder and a holder terminal. The cord holder holds the connector cord and the holder terminal is connected to the second end of the connector cord, A holder support, which is provided integrally with the vehicle body, is removably engaged with the supported portion to support the terminal holder, and includes a vehicle-body-side terminal. The vehicle-body-side terminal is removably connected to the holder terminal during engagement of the supported portion.

Classifications:
International (IPC 8-9): B60R11/00 B60R11/02 B62J11/00 B62J99/00 B62K19/40 H04M1/04 H04M1/06 H04M1/11
CPC: B62J11/00 B62J50/20 B62J50/225 B62K19/40 B62K2202/00 H04M1/04
US: 1/1 224/413



Family:

Publication number	Publication date	Application number	Application date
CN104159814 A	20141119	CN201380012512	20130226
CN104159814 B	20170503	CN201380012512	20130226
DE602013067461 D1	20200416	DE201360067461T	20130226
EP2824021 A1	20150114	EP20130758389	20130226
EP2824021 A4	20151104	EP20130758389	20130226
EP2824021 B1	20200401	EP20130758389	20130226
ID201600798 A	20160226	ID2014P0005023	20130226
ID46341 B	20170615	ID2014P0005023	20130226
IN06170CN2014 A	20160701	IN2014CN06170	20140813
JP2013133087 A1	20150730	JP20140503780T	20130226
JP5750544 B1	20150722	JP20140503780T	20130226
TH147098 A	20160304	TH20141005158	20130226
TH57183 B	20170904	TH20141005158	20130226
US2015014380 AA	20150115	US20130377963	20130226
US9527542 BB	20161227	US20130377963	20130226
WO13133087 A1	20130912	WO2013JP54915	20130226

Priority:
JP20120051592 20120308 WO2013JP54915 20130226 EP20130758389 20130226
JP20140503780 20130226

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): HOSHI TOMOHIRO ; KANETA HIROYUKI ; MORI NORIYUKI ; MURAKAMI HISASHI ; NOSE TSUBASA ; ONO JUNYA ; OYAMA TAKAHIRO
Agent(s): FIORAVANTI CORRADO; QUINTERNO GIUSEPPE; RANKIN HILL AND CLARK LLP; SHIGA MASATAKE ET AL; YENNY HALIM SE SH
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN104159814 A	20141119	LSPB	+	published / reissued	
CN104159814 A	20141119	LSPB	+C06	PUBLICATION	
CN104159814 A	20141217		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN104159814 A	20170503	LSGT	+GR01	PATENT GRANT	
CN104159814 B	20170503	LSGT	+	granted /	

				extensions (spc, cpc, pte)	
CN104159814 B	20330226	PEXP		Calculated Patent Term Expiry	
DE602013067461 D1	20151001		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: B62J0011000000 Text: PREVIOUS MAIN CLASS: B62J0011000000
DE602013067461 D1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: B62J0011000000 Text: PREVIOUS MAIN CLASS: B62J0011000000
DE602013067461 D1	20200416	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP2824021 A1	20141212		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP2824021 A1	20150114	LSPB	+	published / reissued	
EP2824021 A1	20150114	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140814
EP2824021 A1	20150114		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2824021 A1	20150114		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2824021 A1	20150617		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP2824021 A4	20151104	LSES	+RA4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED (CORRECTED)	Effective date: 20151007
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60R 11/02 20060101ALI20151001BHEP
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H04M 1/04 20060101ALI20151001BHEP
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 11/00 20060101AFI20151001BHEP
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H04M 1/11 20060101ALI20151001BHEP
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60R 11/00 20060101ALI20151001BHEP
EP2824021 A4	20151104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/40 20060101ALI20151001BHEP
EP2824021 A4	20180202		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP2824021 A4	20180307	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20180205
EP2824021 A4	20191017		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP2824021 A4	20191017		STAA	INFORMATION ON THE STATUS OF AN	Text: STATUS: GRANT OF PATENT IS INTENDED

				EP PATENT APPLICATION OR GRANTED EP PATENT	
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: HOSHI, TOMOHIRO PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: OYAMA, TAKAHIRO PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: NOSE, TSUBASA PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: MORI, NORIYUKI PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: MURAKAMI, HISASHI PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: ONO, JUNYA PartyType: inventor
EP2824021 A4	20191106		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: KANETA, HIROYUKI PartyType: inventor
EP2824021 A4	20191113	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191018
EP2824021 A4	20200224	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP2824021 A4	20200228	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP2824021 A4	20200228		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP2824021 B1	20200401	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2824021 B1	20200401		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2824021 B1	20200401	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP2824021 B1	20200415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2824021 B1	20200415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 1251017 Effective date: 20200415 Kind code of Ref document: T Ref country code: AT Ref legal event code: REF Country of Ref document: AT
EP2824021 B1	20200416	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R096 Ref document number: 602013067461 Country of Ref document: DE
EP2824021 B1	20200429	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2824021 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200701 Country of Ref document: BG
EP2824021 B1	20200909		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20200401
EP2824021 B1	20200925	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D

EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200817 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200702 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200701 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200801 Country of Ref document: IS
EP2824021 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP2824021 B1	20201115	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref country code: AT Effective date: 20200401 Ref document number: 1251017 Ref legal event code: MK05 Country of Ref document: AT
EP2824021 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2824021 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2824021 B1	20201130	LSLE	-PG25	LAPSED IN A	Lapsed date: 20200401

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2824021 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2824021 B1	20210112	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602013067461 Ref legal event code: R097 Ref country code: DE Country of Ref document: DE
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200401 Country of Ref document: IT
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200401 Country of Ref document: RO
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2824021 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
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EP2824021 B1	20210212		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP2824021 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2824021 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

					Country of Ref document: PL
EP2824021 B1	20210317	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20210112
EP2824021 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2824021 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20210217 Country of Ref document: DE
EP2824021 B1	20330226	PEXP		Calculated Patent Term Expiry	
ID201600798 A	20160226	LSPB	+	published / reissued	
ID46341 B	20170615	LSGT	+	granted / extensions (spc, cpc, pte)	
ID46341 B	20330226	PEXP		Calculated Patent Term Expiry	
IN06170CN2014 A	20160701	LSPB	+	published / reissued	
JP2013133087 A1	20150730	LSPB	+	published / reissued	
JP5750544 B1	20150423	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5750544 B1	20150423	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20150421
JP5750544 B1	20150519	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5750544 B1	20150519	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20150518 Text: 51500995986
JP5750544 B1	20150522	LSGT	+R150	特許証 (Patent certificate)	
JP5750544 B1	20150522	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150602
JP5750544 B1	20150722	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5750544 B1	20180201	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5750544 B1	20180201	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20180130 Text: 51800194106
JP5750544 B1	20180206	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5750544 B1	20180206	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180213
JP5750544 B1	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5750544 B1	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190227 Text: 51900425746
JP5750544 B1	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5750544 B1	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5750544 B1	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5750544 B1	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP5750544 B1	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5750544 B1	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5750544 B1	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319

JP5750544 B1	20330226	PEXP		Calculated Patent Term Expiry	
TH147098 A	20160304	LSPB	+	published / reissued	
TH57183 B	20170904	LSGT	+	granted / extensions (spc, cpc, pte)	
TH57183 B	20330226	PEXP		Calculated Patent Term Expiry	
US2015014380 AA	20150115	LSPB	+	published / reissued	
US2015014380 AA	20161207	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9527542 BB	20140811	LSAS	AS	ASSIGNMENT	Effective date: 20140730 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:OYAMA, TAKAHIRO;MURAKAMI, HISASHI;HOSHI, TOMOHIRO;AND OTHERS;REEL/FRAME:033510/0296 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US9527542 BB	20141120		RFE1	Docketed New Case - Ready for Examination	
US9527542 BB	20161207	LSGT	PAT1	Patented Case	
US9527542 BB	20161227	LSGT	+	granted / extensions (spc, cpc, pte)	
US9527542 BB	20200817	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9527542 BB	20210201	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9527542 BB	20210201	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US9527542 BB	20210201	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US9527542 BB	20210223	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20201227
US9527542 BB	20331105	PEXP		Calculated Patent Term Expiry (PTA 252 days)	
WO13133087 A1	20130912	LSPB	+	published / reissued	
WO13133087 A1	20131030		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 13758389 Country of Ref document: EP
WO13133087 A1	20140220		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO13133087 A1	20140625	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2014503780 Country of Ref document: JP
WO13133087 A1	20140728	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO13133087 A1	20140811	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 14377963 Country of Ref document: US
WO13133087 A1	20140814	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO	Ref document number: 2013758389 Country of Ref document: EP

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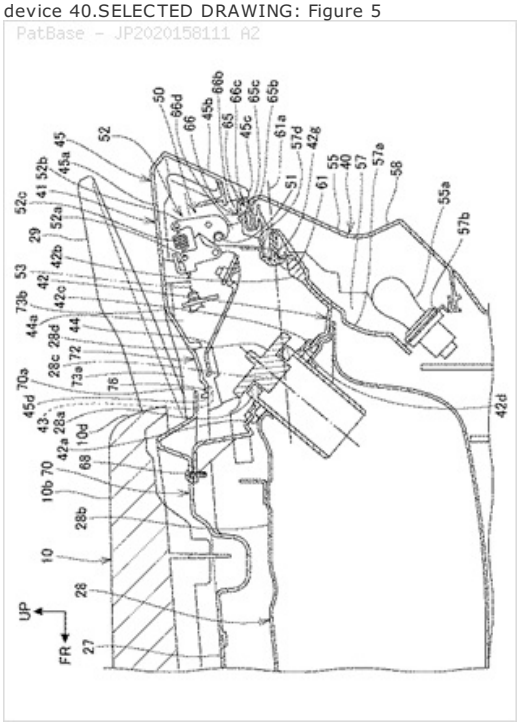
30) Family number: 81290304 (JP2020158111 A2)

Title: **SADDLE** -RIDING TYPE VEHICLE

Abstract: To provide a **saddle** -riding type vehicle that includes a lighting device provided to a rear part of a vehicle and a fuel tank disposed forward of the lighting device, in which the rear part of the vehicle is made compact.SOLUTION: A **saddle** -riding type vehicle includes: a lighting device 40 provided to a rear part of a vehicle; a fuel tank 28 disposed forward of the lighting device 40; and a fuel filler 28a provided to the fuel tank 28. A tray 42 for receiving spilt fuel is provided around the fuel filler 28a. The tray 42 is fixed to the lighting device 40.SELECTED DRAWING: Figure 5

Classifications:

International (IPC 8-9)**:** B60K15/04 B60K15/063 B62J23/00 B62J35/00 B62J37/00 B62J6/04 B62K5/027



Family:

Publication number	Publication date	Application number	Application date
IN201941011884 A	20201002	IN201941011884	20190327
JP2020158111 A2	20201001	JP20200055042	20200325

Priority:

IN201941011884 20190327 JP20200055042 20200325

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std)**:** HONDA MOTOR CO LTD

Inventor(s): (std)**:** IBARAKI YUYA ; KISHI YUJI ; TAKIZAWA KOTA

Inventor(s): KISHI HIROSHI

Legal status (INPADOC)

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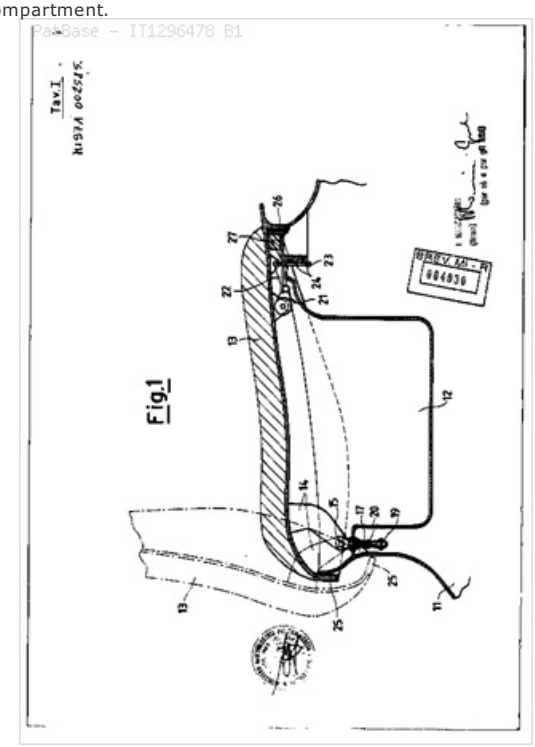
Patent	Date recorded	Event group	Code	Event	Details
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JP2020158111 A2	20201001	LSPB	+	published / reissued	
JP2020158111 A2	20201127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20201127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2020158111 A2	20201127	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201127
JP2020158111 A2	20210713		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210713
JP2020158111 A2	20210713		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20210713

31) Family number: 14893263 (IT1296478 B1)

Title: UNDER-**SADDLE** COMPARTMENT OF VARIABLE SIZE IN VEHICLE OF **MOTORCYCLE**

Abstract: The under-**saddle** compartment (12) of variable size is contained within a structural portion (11) of the vehicle, wherein there is provided a **seat** (13) rotatable at one end relative to the structural portion about a hinge between a position of closure of the compartment and a rotated position in which an upper opening in the compartment is uncovered. The hinge comprises two parts (14,17), at least one of which is movable relative to the structural portion and/or to the **seat** against an elastic counteracting element (20). The hinge parts vary their position in terms of withdrawal from and/or approach to the structural portion so as to vary the capacity of the under-**saddle** compartment.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/12 B62K
International (IPC 1-7): B62J1/10 B62J7/08 B62K
CPC: B62J1/12



Family:

Publication number	Publication date	Application number	Application date
IN00305DE1998 A	20060113	IN1998DE00305	19980206
IN215256 B	20080307	IN1998DE00305	19980206
IT1296478 B1	19990625	IT1997MI02585	19971120
ITMI972585 A1	19990521	IT1997MI02585	19971120

Priority:

IT1997MI02585 19971120

Probable Assignee: PIAGGIO VEICOLI EUROP
Assignee(s): (std): PIAGGIO VEICOLI EUROP
Assignee(s): PIAGGIO AND C S P A ; PIAGGIO VEICOLI EUROPEI S P A
Inventor(s): (std): COMINETTI CORRADO ; GRASSINI MICHELE ; SANTUCCI MARIO
Inventor(s): CORRADO COMINETTI ; MARIO SANTUCCI ; MICHELE GRASSINI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN00305DE1998 A	20060113	LSPB	+	published / reissued	
IN215256 B	20080307	LSGT	+	granted / extensions (spc, cpc, pte)	
IN215256 B	20180206	PEXP		Calculated Patent Term Expiry	
IT1296478 B1	19990625	LSGT	+	granted / extensions (spc, cpc, pte)	
IT1296478 B1	19990625	LSGT	0001	GRANTED	
IT1296478 B1	20171120	PEXP		Calculated Patent Term Expiry	
ITMI972585 A1	19990521	LSPB	+	published / reissued	

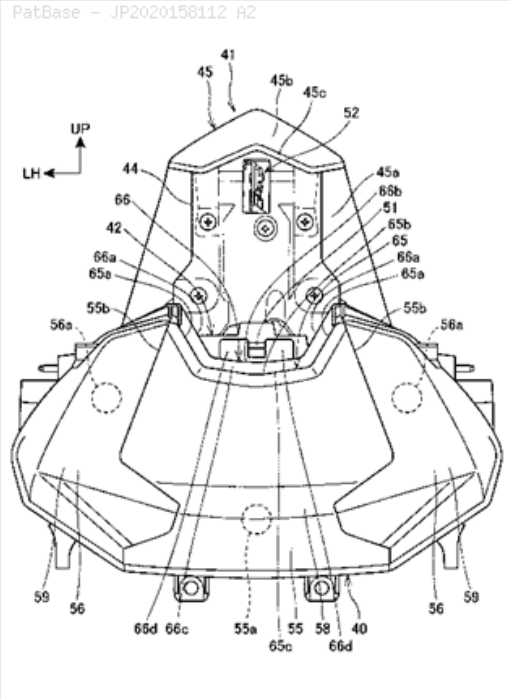
32) Family number: 81290306 (JP2020158112 A2)

Title: **SADDLE** RIDING-TYPE VEHICLE

Abstract: To provide a **saddle** riding-type vehicle in which easy access to a fuel filler port from a rear side is allowed.SOLUTION: The **saddle** riding-type vehicle comprises: a **seat** on which an occupant is **seated**; a lighting instrument 40 provided behind the **seat**; a fuel filler port arranged between the **seat** and the lighting instrument 40; and a lid 41 provided openably and closably, covering the fuel filler port from above. The lighting instrument 40 comprises, at a center part in a vehicle width direction of the lighting instrument 40, a recessed part 65 formed of a downward-recessed upper part of the lighting instrument 40. The lid 41 is supported to be turnable in a vertical direction through a front part of the lid 41, and at a rear part of the lid 41 is provided with a downward-extended part 45b which enters the recessed part 65 from above when the lid 41 is closed. When the lid 41 is opened upward, the downward-extended part 45b separates from the recessed part 65.SELECTED DRAWING: Figure 9

Classifications:

International (IPC 8-9)**:** B60K11/08 B60K15/04 B60K15/05 B62J23/00 B62J35/00 B62J6/04 F02M59/10



Family:

Publication number	Publication date	Application number	Application date
IN201941011845 A	20201002	IN201941011845	20190327
JP2020158112 A2	20201001	JP20200055043	20200325

Priority:

IN201941011845 20190327 JP20200055043 20200325

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std)**:** HONDA MOTOR CO LTD

Inventor(s): (std)**:** IBARAKI YUYA ; MORI KAZUHIKO ; RAKANI DEVASHISHI ; YAEGASHI HIROFUMI

Inventor(s): DEVASHISH LAKHANI

Legal status (INPADOC)

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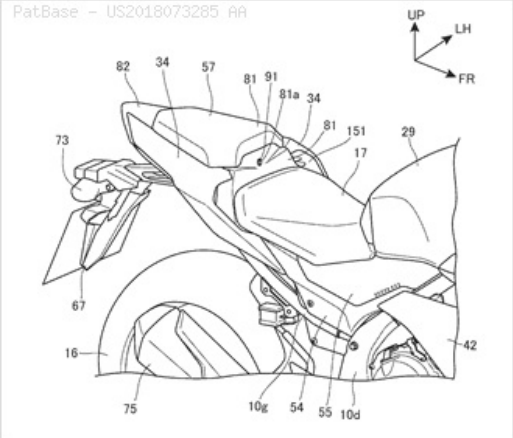
Patent	Date recorded	Event group	Code	Event	Details
IN201941011845 A	20201002	LSPB	+	published / reissued	
JP2020158112 A2	20201001	LSPB	+	published / reissued	
JP2020158112 A2	20201127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20201127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2020158112 A2	20201127	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201127
JP2020158112 A2	20210617		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210617
JP2020158112 A2	20210617		A977	REPORT ON RETRIEVAL	Effective date: 20210617 Text: JAPANESE INTERMEDIATE CODE: A971007

33) Family number: 63865172 (US2018073285 AA)

Title: **SEAT** **LOCK** STRUCTURE FOR **SADDLE** RIDING VEHICLE

Abstract: There is provided a **seat** **lock** structure for a **saddle** riding vehicle which is user-friendly and can be downsized. A key cylinder includes a turning arm which is turned by a key operation, a **seat** **lock** **mechanism** includes a first bracket which is fixed to a vehicle body frame, and a second bracket which is slidably supported on the first bracket and engageable with a rear **seat** side, and the second bracket is slid by being pressed by the turning arm, and an L-shaped end portion formed on the second bracket regulates the second bracket from being slid when the turning arm is unturnable.

Classifications:
International (IPC 8-9): B62J1/12 B62J1/14 B62J9/00 B62K11/04 E05B77/44 E05B79/12 E05B83/00 E05B83/16 E05B85/06
CPC: B62J1/12 B62J1/14 B62K11/04 E05B83/00 E05B83/16 E05B85/06
US: 1/1 70/261



Family:

Publication number	Publication date	Application number	Application date
BR112017021359 A2	20180626	BR20171121359	20150424
CN107531300 A	20180102	CN201580078941	20150424
CN107531300 B	20191210	CN201580078941	20150424
DE602015049213 D1	20200402	DE201560049213T	20150424
EP3287348 A1	20180228	EP20150889927	20150424
EP3287348 A4	20180502	EP20150889927	20150424
EP3287348 B1	20200318	EP20150889927	20150424
IN201717033929 A	20171208	IN201717033929	20170925
JP2016170688 A1	20180215	JP20170513940T	20150424
JP6389327 B1	20180919	JP20170513940T	20150424
TH181116 A	20181101	TH20171006320	20150424
TW201704613 A	20170201	TW20160111675	20160414
TWI627339 B	20180621	TW20160111675	20160414
US10221593 BB	20190305	US20150565342	20150424
US2018073285 AA	20180315	US20150565342	20150424
WO16170688 A1	20161027	WO2015JP62589	20150424

Priority:
WO2015JP62589 20150424 EP20150889927 20150424

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): SHOTA YAMASAKI ; TOKUDA YOSHIHITO ; YAMASAKI SHOTA ; YOSHIHITO TOKUDA

Agent(s): CARRIER BLACKMAN AND ASSOCIATES PC; CARRIER JOSEPH P; KIWIT BENEDIKT; KUSHIBUCHI AND ASSOCIATES; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; SABOURIN ANNE G

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
BR112017021359 A2	20180626	LSPB	+	published / reissued	
BR112017021359 A2	20200721		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
CN107531300 A	20180102	LSPB	+	published / reissued	

CN107531300 A	20180102	LSPB	PB01	PUBLICATION	
CN107531300 A	20180102	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN107531300 A	20180126		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
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CN107531300 B	20350424	PEXP		Calculated Patent Term Expiry	
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DE602015049213 D1	20200402	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP3287348 A1	20161101		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3287348 A1	20180126		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3287348 A1	20180126		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3287348 A1	20180228	LSPB	+	published / reissued	
EP3287348 A1	20180228	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20171010
EP3287348 A1	20180228		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3287348 A1	20180228		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA
EP3287348 A1	20180228		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3287348 A4	20180502	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20180406
EP3287348 A4	20180502		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 11/04 20060101ALI20180329BHEP
EP3287348 A4	20180502		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 1/12 20060101AFI20180329BHEP
EP3287348 A4	20180502		RIC1	INFORMATION PROVIDED ON IPC CODE	ClassificationScheme: IPC ClassificationSymbol: E05B 83/00 20140101ALI20180329BHEP

				ASSIGNED BEFORE GRANT	
EP3287348 A4	20180801		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3287348 A4	20180801		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3287348 A4	20190218		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP3287348 A4	20190327	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20190221
EP3287348 A4	20191013		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3287348 A4	20191013		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3287348 A4	20191113	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191014
EP3287348 A4	20200207	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3287348 A4	20200214	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3287348 A4	20200214		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3287348 B1	20200318	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3287348 B1	20200318		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3287348 B1	20200318	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3287348 B1	20200402	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602015049213 Ref legal event code: R096 Country of Ref document: DE
EP3287348 B1	20200415	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP3287348 B1	20200415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200415 Kind code of Ref document: T Ref country code: AT Ref document number: 1245605 Ref legal event code: REF Country of Ref document: AT
EP3287348 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP3287348 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3287348 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	Lapsed date: 20200618 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO

				OFFICE TO EPO]	
EP3287348 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200529 Year of fee payment: 6 Country of Ref document: DE
EP3287348 B1	20200823		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200318 Ref country code: NL Ref legal event code: MP
EP3287348 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3287348 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP3287348 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3287348 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200619 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP3287348 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200618 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP3287348 B1	20200910	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP3287348 B1	20200930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200718 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ

EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200812 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP3287348 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP3287348 B1	20201115	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200318 Kind code of Ref document: T Ref country code: AT Ref document number: 1245605 Ref legal event code: MK05 Country of Ref document: AT
EP3287348 B1	20201130	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP3287348 B1	20201221	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602015049213 Ref legal event code: R097 Country of Ref document: DE
EP3287348 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP3287348 B1	20210122		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200430 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION

				POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IT
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200424 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP3287348 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200430 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP3287348 B1	20210203	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200430 Ref country code: BE Ref legal event code: MM
EP3287348 B1	20210224	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20201221
EP3287348 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200430 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP3287348 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3287348 B1	20210331	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20200618 Ref country code: EP
EP3287348 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200424 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP3287348 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200618 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP3287348 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200518 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP3287348 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200318 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3287348 B1	20350424	PEXP		Calculated Patent Term Expiry	
IN201717033929 A	20171208	LSPB	+	published / reissued	
JP2016170688 A1	20170919	LSRE	A529	WRITTEN SUBMISSION OF COPY OF AMENDMENT UNDER SECTION 34 (PCT)	Effective date: 20170919 Text: JAPANESE INTERMEDIATE CODE: A5211
JP2016170688 A1	20170919	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20170919 Text: JAPANESE INTERMEDIATE CODE: A621

JP2016170688 A1	20180215	LSPB	+	published / reissued	
JP2016170688 A1	20180730	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2016170688 A1	20180807	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20180807 Text: JAPANESE INTERMEDIATE CODE: A01
JP2016170688 A1	20180823	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20180816 Text: JAPANESE INTERMEDIATE CODE: A61
JP2016170688 A1	20180824	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6389327 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6389327 B1	20180809	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6389327 B1	20180809	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20180807
JP6389327 B1	20180821	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6389327 B1	20180821	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20180816 Text: 51801684281
JP6389327 B1	20180824	LSGT	+R150	特許証 (Patent certificate)	
JP6389327 B1	20180824	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20180904
JP6389327 B1	20180919	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6389327 B1	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52101163709 Effective date: 20210531
JP6389327 B1	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP6389327 B1	20350424	PEXP		Calculated Patent Term Expiry	
TH181116 A	20181101	LSPB	+	published / reissued	
TW201704613 A	20170201	LSPB	+	published / reissued	
TWI627339 B	20180621	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI627339 B	20210321	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	
TWI627339 B	20360414	PEXP		Calculated Patent Term Expiry	
US10221593 BB	20171009	LSAS	AS	ASSIGNMENT	Effective date: 20170831 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:YAMASAKI, SHOTA;TOKUDA, YOSHIHITO;REEL/FRAME:043816/0479 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US10221593 BB	20171009	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10221593 BB	20190213	LSGT	PAT1	Patented Case	
US10221593 BB	20190305	LSGT	+	granted / extensions (spc, cpc, pte)	
US10221593 BB	20350424	PEXP		Calculated Patent Term Expiry	
US2018073285 AA	20171221		RFE1	Docketed New Case - Ready for Examination	

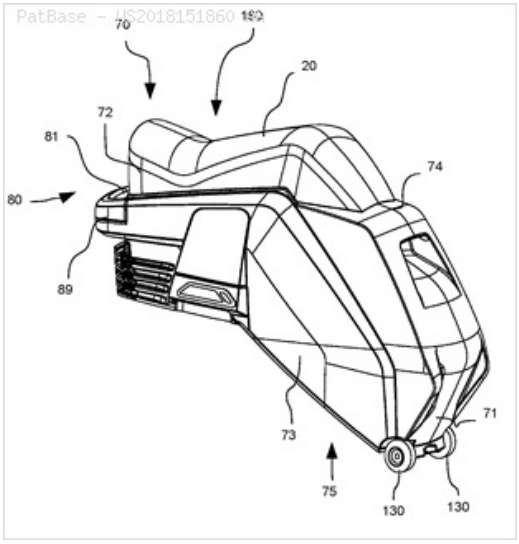
US2018073285 AA	20180315	LSPB	+	published / reissued	
US2018073285 AA	20180710	LSES	NFA1	Non Final Action Mailed	
US2018073285 AA	20190116	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2018073285 AA	20190125	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2018073285 AA	20190213	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
WO16170688 A1	20161027	LSPB	+	published / reissued	
WO16170688 A1	20161207		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 15889927 Country of Ref document: EP
WO16170688 A1	20170919	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2017513940 Country of Ref document: JP
WO16170688 A1	20171009	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 15565342 Country of Ref document: US
WO16170688 A1	20171025	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO16170688 A1	20180410		REG	REFERENCE TO NATIONAL CODE	Ref document number: 112017021359 Ref country code: BR Ref legal event code: B01A Country of Ref document: BR
WO16170688 A1	20180626	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 112017021359 Effective date: 20171005 Kind code of Ref document: A2 Country of Ref document: BR

34) Family number: 63734892 (US2018151860 AA)

Title: QUICK-EXCHANGE BATTERY ASSEMBLY, AND MOTOR VEHICLE, IN PARTICULAR MOTOR SCOOTER

Abstract: Battery assemblies are disclosed. In one embodiment, a battery assembly includes a rechargeable battery having a housing and a circuit formed in the housing. A releasable **mechanical** **lock** may connect the battery housing to a unit which is to be supplied with electrical. An actuating element may be folded, pivoted, and/or telescopically pulled out of the battery housing.

Classifications:
International (IPC 8-9): B60K1/04 B60L B60L11/18 B60L3/00 B60L50/60 B60L50/64 B60L53/16 B60L53/80 B60L58/26 B60Q5/00 B62J1/00 B62J1/12 B62J1/28 B62J11/00 B62J43/00 B62J43/16 B62J43/23 B62J45/10 B62J9/00 B62J99/00 B62K19/30 B62K19/36 B62K19/46 B62M7/02 H01M H01M10/42 H01M10/613 H01M10/625 H01M10/6551 H01M10/6556 H01M10/6561 H01M10/6563 H01M2/10
CPC: B60L2200/12 B60L2200/24 B60L3/0015 B60L50/64 B60L50/66 B60L53/16 B60L53/80 B60L58/26 B62J1/00 B62J1/28 B62J43/00 B62K19/30 B62K19/36 B62K19/46 B62K2202/00 B62K2204/00 B62K2206/00 H01M10/425 H01M10/613 H01M10/625 H01M10/6551 H01M10/6556 H01M10/6561 H01M10/6563 H01M2220/20 H01M50/20 Y02E60/10 Y02T10/70 Y02T10/7072 Y02T90/12 Y02T90/14 H01M2/1083 B62K2208/00
US: 1/1 429/7



Family:

Publication number	Publication date	Application number	Application date
CN107636856 A	20180126	CN201680020705	20160406
CN109155376 A	20190104	CN201680084255	20161012
CN109417136 A	20190301	CN201680084387	20161012
CN207529989 U	20180622	CN201720466431U	20170428
CN207530074 U	20180622	CN201720467355U	20170428
DE102015105330 A1	20161013	DE201510105330	20150408
DE502016005247 D1	20190718	DE201650005247T	20160406
DE502016008843 D1	20200312	DE201650008843T	20161012
DE502016009062 D1	20200319	DE201650009062T	20161012
EP3281239 A1	20180214	EP20160716019	20160406
EP3281239 B1	20190626	EP20160716019	20160406
EP3440721 A1	20190213	EP20160790895	20161012
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EP3440722 A1	20190213	EP20160790896	20161012
EP3440722 B1	20200304	EP20160790896	20161012
ES2745303 T3	20200228	ES20160716019T	20160406
ES2790874 T3	20201029	ES20160790895T	20161012
HK1246980 A1	20180914	HK20180106234	20180514
HK1246980 B	20200320	HK20180106234	20180514
JP2018510810 T2	20180419	JP20170552844T	20160406
JP6787923 B2	20201118	JP20170552844T	20160406
JP2019515843 T2	20190613	JP20190503618T	20161012
RU2017138552 A	20190508	RU20170138552	20160406
RU2017138552 A3	20190717	RU20170138552	20160406
RU2018138470 A	20200512	RU20180138470	20161012
SG11201708013P A1	20171030	SG20171108013	20160406
SG11201808043Q A1	20181030	SG20181108043	20161012
US2018151860 AA	20180531	US20160564870	20160406
US10938005 BB	20210302	US20180091669	20161012
US2019157641 AA	20190523	US20180091669	20161012
WO16162370 A1	20161013	WO2016EP57500	20160406
WO17174162 A1	20171012	WO2016EP74421	20161012
WO17174163 A1	20171012	WO2016EP74480	20161012

Priority:

DE201510105330 20150408 WO2016EP57500 20160406 EP20160716019 20160406
RU20170138552 20160406 WO2016EP74421 20161012 WO2016EP74480 20161012
EP20160790895 20161012 EP20160790896 20161012

Probable Assignee: UJET SA

Assignee(s): (std): UJET S A ; UJET VEHICLES S A R L

Assignee(s): YUDZHET VIIKLZ S A R L

Inventor(s): (std): DAVID PATRICK ; GREHL MARIANA ; KOROPACHINSKY YURI ; SPEIDEL TIMO ; YURI KLAPACHSKI

Inventor(s): DAVID PATRIK ; GREL MARIANA ; KOROPACHINSKY YURI POINT PIPER ; SHPAJDEL TIMO

Agent(s): AOKI ATSUSHI; CHINAHONGKONG IP LTD; JORGE ISERN ISERN; JORGE ISERN JARA; MARSHALL GERSTEIN AND BORUN LLP; MEISSNER BOLTE PATENTANWAELTE RECHTSANWAELTE PARTNERSCHAFT MBB; WUERMSER JULIAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR

CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN107636856 A	20180126	LSPB	+	published / reissued	
CN107636856 A	20180126	LSPB	PB01	PUBLICATION	
CN107636856 A	20180126	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN107636856 A	20180309		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN107636856 A	20180309		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
CN107636856 A	20201030	LSDW	-WD01	INVENTION PATENT APPLICATION DEEMED WITHDRAWN AFTER PUBLICATION	
CN107636856 A	20201030	LSDW	-WD01	发明专利申请公布后的视为撤回 (Deemed withdrawal of application for invention after its publication)	Text: 发明专利申请公布后的视为撤回 (After the publication of the patent application for invention shall be deemed to have been withdrawn)
CN109155376 A	20190104	LSPB	+	published / reissued	
CN109155376 A	20190104	LSPB	PB01	PUBLICATION	
CN109155376 A	20190104	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN109155376 A	20190312		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN109155376 A	20190312		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
CN109417136 A	20190301	LSPB	+	published / reissued	
CN109417136 A	20190301	LSPB	PB01	PUBLICATION	
CN109417136 A	20190301	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN109417136 A	20190611		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN109417136 A	20190611		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
CN207529989 U	20180622	LSGT	+	granted / extensions (spc, cpc, pte)	
CN207529989 U	20180622	LSGT	+GR01	PATENT GRANT	
CN207529989 U	20180622	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN207529989 U	20190405	LSAS	TR01	TRANSFER OF PATENT RIGHT	
CN207529989 U	20190405	LSAS	TR01	专利权的转移 (Transfer of patent right)	Effective date: 20190318 Patentee After Change: 尤耶特有限责任公司 (Especially yeah special limited liability company) Patentee Before Change: 尤耶特车辆有限责任公司 (YOU YETE VEHICLE LIABILITY CO LTD) Text: 专利申请权、专利权的转移 (Transfer of Patent Application or Patent Right)
CN207529989 U	20270428	PEXP		Calculated Patent Term Expiry	

CN207530074 U	20180622	LSGT	+	granted / extensions (spc, cpc, pte)	
CN207530074 U	20180622	LSGT	+GR01	PATENT GRANT	
CN207530074 U	20180622	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN207530074 U	20190329	LSAS	TR01	TRANSFER OF PATENT RIGHT	
CN207530074 U	20190329	LSAS	TR01	专利权的转移 (Transfer of patent right)	Patentee Before Change: 尤耶特车辆有限责任公司 (YOU YETE VEHICLE LIABILITY CO LTD) Effective date: 20190312 Text: 专利申请权、专利权的转移 (Transfer of Patent Application or Patent Right) Patentee After Change: 尤耶特有限责任公司 (Especially yeah special limited liability company)
CN207530074 U	20270428	PEXP		Calculated Patent Term Expiry	
DE102015105330 A1	20161013	LSPB	+	published / reissued	
DE102015105330 A1	20171103	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
DE502016005247 D1	20201127		R079	AMENDMENT OF IPC MAIN CLASS	Text: PREVIOUS MAIN CLASS: H01M0002100000 ClassificationScheme: IPC ClassificationSymbol: H01M0050200000
DE502016008843 D1	20190725		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationSymbol: B60L0050600000 Text: PREVIOUS MAIN CLASS: H01M0002100000 ClassificationScheme: IPC
DE502016009062 D1	20190725		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: B60L0050640000 Text: PREVIOUS MAIN CLASS: H01M0002100000
EP3281239 A1	20171103		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3281239 A1	20180112		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3281239 A1	20180112		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3281239 A1	20180214	LSPB	+	published / reissued	
EP3281239 A1	20180214	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20171103
EP3281239 A1	20180214		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3281239 A1	20180214		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3281239 A1	20180214		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3281239 A1	20180718		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3281239 A1	20180718		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3281239 A1	20180815	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR	Owner: UJET S.A. PartyType: owner

				RIGHTS OF AN APPLICATION TRANSFERRED)	
EP3281239 A1	20180914		REG	REFERENCE TO A NATIONAL CODE	Ref country code: HK Ref document number: 1246980 Ref legal event code: DE Country of Ref document: HK
EP3281239 A1	20190107		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3281239 A1	20190107		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3281239 A1	20190123	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190108
EP3281239 A1	20190520	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3281239 A1	20190524	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3281239 A1	20190524		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3281239 B1	20190626	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3281239 B1	20190626		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3281239 B1	20190626	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB Text: NOT ENGLISH
EP3281239 B1	20190628	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3281239 B1	20190715	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 1149333 Ref country code: AT Ref legal event code: REF Effective date: 20190715 Kind code of Ref document: T Country of Ref document: AT
EP3281239 B1	20190718	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 502016005247 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP3281239 B1	20190724	LSGT	REG	REFERENCE TO A NATIONAL CODE	Text: LANGUAGE OF EP DOCUMENT: GERMAN Ref country code: IE Ref legal event code: FG4D
EP3281239 B1	20190911		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FP Ref country code: NL
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: FI
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190926 Country of Ref document: NO
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: SE
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: LT

				OFFICE TO EPO]	
EP3281239 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3281239 B1	20191111	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3281239 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: LV
EP3281239 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: RS
EP3281239 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190926 Country of Ref document: BG
EP3281239 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190927 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP3281239 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191028 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP3281239 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: SK
EP3281239 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: EE
EP3281239 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3281239 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3281239 B1	20200228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: SM
EP3281239 B1	20200228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191026 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3281239 B1	20200228	LSGT	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T3 Effective date: 20200228 Ref country code: ES Ref document number: 2745303 Ref legal event code: FG2A Country of Ref document: ES

EP3281239 B1	20200331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP3281239 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3281239 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3281239 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200224 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3281239 B1	20200603	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 502016005247 Ref legal event code: R097 Country of Ref document: DE
EP3281239 B1	20200710		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3281239 B1	20200730		PG2D	INFORMATION ON LAPSE IN CONTRACTING STATE DELETED	Country of Ref document: IS
EP3281239 B1	20200730	LSRE	PG2D	INFORMATION ON LAPSE IN CONTRACTING STATE DELETED	
EP3281239 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20200430 Country of Ref document: DE
EP3281239 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200429 Year of fee payment: 5 Country of Ref document: FR
EP3281239 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200428 Year of fee payment: 5 Country of Ref document: NL
EP3281239 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200511 Year of fee payment: 5 Country of Ref document: ES
EP3281239 B1	20200812	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20200603
EP3281239 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190626 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3281239 B1	20200831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20200424 Country of Ref document: IT

EP3281239 B1	20200831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20200429 Country of Ref document: GB
EP3281239 B1	20201127		REG	REFERENCE TO A NATIONAL CODE	Text: PREVIOUS MAIN CLASS: H01M0002100000 ClassificationSymbol: H01M0050200000 Ref legal event code: R079 ClassificationScheme: IPC Ref country code: DE Ref document number: 502016005247 Country of Ref document: DE
EP3281239 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20190626 Country of Ref document: MC
EP3281239 B1	20201130	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP3281239 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200406 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP3281239 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200430 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP3281239 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200430 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP3281239 B1	20210203	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200430 Ref legal event code: MM Ref country code: BE
EP3281239 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200430 Country of Ref document: BE
EP3281239 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200406 Country of Ref document: IE
EP3281239 B1	20360406	PEXP		Calculated Patent Term Expiry	
EP3440721 A1	20161115		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: UNKNOWN
EP3440721 A1	20171013		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3440721 A1	20190111		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3440721 A1	20190111		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE

EP3440721 A1	20190213	LSPB	+	published / reissued	
EP3440721 A1	20190213	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20181102
EP3440721 A1	20190213		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3440721 A1	20190213		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3440721 A1	20190213		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3440721 A1	20190710		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3440721 A1	20190710		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3440721 A1	20190725		REG	REFERENCE TO A NATIONAL CODE	ClassificationScheme: IPC Ref document number: 502016008843 Ref legal event code: R079 Ref country code: DE ClassificationSymbol: B60L0050600000 Text: PREVIOUS MAIN CLASS: H01M0002100000 Country of Ref document: DE
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/6561 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 3/00 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 53/16 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/30 20060101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 10/6556 20140101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/6563 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 2/10 20060101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 19/36 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/42 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 50/60 20190101AFI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60L 50/64 20190101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/46 20060101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 1/00 20060101ALI20190725BHEP
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 10/625 20140101ALI20190725BHEP

EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 58/26 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 1/28 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/613 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 53/80 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440721 A1	20190903		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3440721 A1	20190903		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3440721 A1	20191002	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190904
EP3440721 A1	20200114	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3440721 A1	20200117	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3440721 A1	20200117		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3440721 B1	20200219	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3440721 B1	20200219		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3440721 B1	20200228	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3440721 B1	20200312	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 502016008843 Ref legal event code: R096 Country of Ref document: DE
EP3440721 B1	20200315	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200315 Kind code of Ref document: T Ref country code: AT Ref document number: 1234566 Ref legal event code: REF Country of Ref document: AT
EP3440721 B1	20200318	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D Text: LANGUAGE OF EP DOCUMENT: GERMAN
EP3440721 B1	20200527		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: FP
EP3440721 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3440721 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP3440721 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200519 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP3440721 B1	20200825	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	Lapsed date: 20200520 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				FROM NATIONAL OFFICE TO EPO]	Country of Ref document: GR
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200519 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200619 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3440721 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP3440721 B1	20201029	LSGT	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20201029 Kind code of Ref document: T3 Ref country code: ES Ref document number: 2790874 Ref legal event code: FG2A Country of Ref document: ES
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200712 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3440721 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF

				VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3440721 B1	20201120	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 502016008843 Ref legal event code: R097 Country of Ref document: DE
EP3440721 B1	20201225		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3440721 B1	20201231	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201027 Year of fee payment: 5 Country of Ref document: NL
EP3440721 B1	20210127	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20201120
EP3440721 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201027 Year of fee payment: 5 Country of Ref document: GB
EP3440721 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201113 Year of fee payment: 5 Country of Ref document: ES
EP3440721 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201027 Year of fee payment: 5 Country of Ref document: FR
EP3440721 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201028 Year of fee payment: 5 Country of Ref document: IT
EP3440721 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201030 Year of fee payment: 5 Country of Ref document: DE
EP3440721 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3440721 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3440721 B1	20210531	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP3440721 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200219 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP3440721 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20201012 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU

EP3440721 B1	20361012	PEXP		Calculated Patent Term Expiry	
EP3440722 A1	20161115		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: UNKNOWN
EP3440722 A1	20171013		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3440722 A1	20190111		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3440722 A1	20190111		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3440722 A1	20190213	LSPB	+	published / reissued	
EP3440722 A1	20190213	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20181102
EP3440722 A1	20190213		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3440722 A1	20190213		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3440722 A1	20190213		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3440722 A1	20190710		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3440722 A1	20190710		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3440722 A1	20190725		REG	REFERENCE TO A NATIONAL CODE	Ref document number: 502016009062 Text: PREVIOUS MAIN CLASS: H01M0002100000 ClassificationScheme: IPC Ref country code: DE ClassificationSymbol: B60L0050640000 Ref legal event code: R079 Country of Ref document: DE
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 53/16 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/613 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 50/60 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/6561 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 2/10 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 10/6563 20140101ALI20190725BHEP
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 10/42 20060101ALI20190725BHEP
EP3440722 A1	20190828		RIC1	INFORMATION	ClassificationSymbol: H01M 10/625

				PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 1/00 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/36 20060101ALI20190725BHEP
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 50/64 20190101AFI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60L 53/80 20190101ALI20190725BHEP
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 58/26 20190101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 1/28 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 10/6556 20140101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60L 3/00 20190101ALI20190725BHEP
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 19/30 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190828		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 19/46 20060101ALI20190725BHEP ClassificationScheme: IPC
EP3440722 A1	20190903		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3440722 A1	20190903		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3440722 A1	20191002	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190904
EP3440722 A1	20200114		GRAJ	INFORMATION RELATED TO DISAPPROVAL OF COMMUNICATION OF INTENTION TO GRANT BY THE APPLICANT OR RESUMPTION OF EXAMINATION PROCEEDINGS BY THE EPO DELETED	Text: ORIGINAL CODE: EPIDOSDIGR1
EP3440722 A1	20200114		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3440722 A1	20200125		+GRAR	INFORMATION RELATED TO INTENTION TO GRANT A PATENT RECORDED	Text: ORIGINAL CODE: EPIDOSNIGR71
EP3440722 A1	20200125	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3440722 A1	20200125		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3440722 A1	20200131	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3440722 A1	20200131		STAA	INFORMATION ON THE STATUS OF AN EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED

				APPLICATION OR GRANTED EP PATENT	
EP3440722 A1	20200219		INTC	INTENTION TO GRANT ANNOUNCED (DELETED)	
EP3440722 B1	20200304	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3440722 B1	20200304		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3440722 B1	20200304	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20200124
EP3440722 B1	20200304	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB Text: NOT ENGLISH
EP3440722 B1	20200313	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP3440722 B1	20200315	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200315 Ref country code: AT Ref legal event code: REF Ref document number: 1239984 Kind code of Ref document: T Country of Ref document: AT
EP3440722 B1	20200319	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 502016009062 Ref legal event code: R096 Country of Ref document: DE
EP3440722 B1	20200401	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Text: LANGUAGE OF EP DOCUMENT: GERMAN Ref legal event code: FG4D
EP3440722 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: RS
EP3440722 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3440722 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200604 Country of Ref document: NO
EP3440722 B1	20200812		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MP Ref country code: NL Effective date: 20200304
EP3440722 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: SE
EP3440722 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200604 Country of Ref document: BG
EP3440722 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP3440722 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3440722 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200605

				FROM NATIONAL OFFICE TO EPO]	Country of Ref document: GR
EP3440722 B1	20200910	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3440722 B1	20200930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: NL
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200704 Country of Ref document: IS
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: RO
EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: SM
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EP3440722 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200729 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP3440722 B1	20201207	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 502016009062 Ref legal event code: R097 Country of Ref document: DE
EP3440722 B1	20210108		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3440722 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IT
EP3440722 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE

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EP3440722 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: SI
EP3440722 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200304 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3440722 B1	20210501	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 502016009062 Ref country code: DE Ref legal event code: R119 Country of Ref document: DE
EP3440722 B1	20210531	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP3440722 B1	20210623	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20201012 Ref country code: EP
EP3440722 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20201012 Country of Ref document: LU
EP3440722 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200304 Country of Ref document: MC
EP3440722 B1	20361012	PEXP		Calculated Patent Term Expiry	
ES2745303 T3	20200228	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2745303 T3	20200228	LSGT	+FG2A	DEFINITIVE PROTECTION	Filing date: 20200228 Effective date: 20200228
ES2745303 T3	20360406	PEXP		Calculated Patent Term Expiry	
ES2790874 T3	20201029	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2790874 T3	20201029	LSGT	+FG2A	DEFINITIVE PROTECTION	Effective date: 20201029 Filing date: 20201029
ES2790874 T3	20361012	PEXP		Calculated Patent Term Expiry	
HK1246980 A1	20180914	LSPB	+	published / reissued	
HK1246980 B	20200320	LSGT	+	granted / extensions (spc, cpc, pte)	
HK1246980 B	20380514	PEXP		Calculated Patent Term Expiry	
JP2018510810 T2	20180125		A632	国内書面 (National Entry Form)	Effective date: 20171006
JP2018510810 T2	20180125		A634	国際出願翻訳文提出書 (Submission of Translation of International Application)	Effective date: 20171115
JP2018510810 T2	20180228		A523	手続補正書 (Written amendment)	Effective date: 20180228
JP2018510810 T2	20180228	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20180228
JP2018510810 T2	20180228		A781	上申書 (Appeal)	Effective date: 20180228
JP2018510810 T2	20180228		A781	上申書 (Written Statement)	
JP2018510810 T2	20180419	LSPB	+	published /	

				reissued	
JP2018510810 T2	20190128		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20190124
JP2018510810 T2	20190128		A977	REPORT ON RETRIEVAL	Effective date: 20190124 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2018510810 T2	20190129	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20190129 Text: JAPANESE INTERMEDIATE CODE: A131
JP2018510810 T2	20190129	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20190129
JP2018510810 T2	20190422		A601	WRITTEN REQUEST FOR EXTENSION OF TIME	Effective date: 20190422 Text: JAPANESE INTERMEDIATE CODE: A601
JP2018510810 T2	20190422		A601	期間延長請求書 (Request for Extension of Time Limits)	Effective date: 20190422
JP2018510810 T2	20190614	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190614 Text: JAPANESE INTERMEDIATE CODE: A523
JP2018510810 T2	20190614		A523	手続補正書 (Written amendment)	Effective date: 20190614
JP2018510810 T2	20190614		A53	意見書 (Written opinion)	Effective date: 20190614
JP2018510810 T2	20191126	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20191126 Text: JAPANESE INTERMEDIATE CODE: A131
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JP2018510810 T2	20200225		A601	WRITTEN REQUEST FOR EXTENSION OF TIME	Effective date: 20200225 Text: JAPANESE INTERMEDIATE CODE: A601
JP2018510810 T2	20200225		A601	期間延長請求書 (Request for Extension of Time Limits)	Effective date: 20200225
JP2018510810 T2	20200512	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20200512 Text: JAPANESE INTERMEDIATE CODE: A523
JP2018510810 T2	20200512		A523	手続補正書 (Written amendment)	Effective date: 20200512
JP2018510810 T2	20200512		A53	意見書 (Written opinion)	Effective date: 20200512
JP2018510810 T2	20200915	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2018510810 T2	20200929	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20200929 Text: JAPANESE INTERMEDIATE CODE: A01
JP2018510810 T2	20200929	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20200929
JP2018510810 T2	20201102	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20201029 Text: JAPANESE INTERMEDIATE CODE: A61
JP2018510810 T2	20201102	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20201029
JP2018510810 T2	20201102	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6787923 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP2019515843 T2	20190613	LSPB	+	published / reissued	
JP2019515843 T2	20190821	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190821 Text: JAPANESE INTERMEDIATE CODE: A523
JP2019515843 T2	20190821		A523	手続補正書 (Written amendment)	Effective date: 20190821
JP2019515843 T2	20190821	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20190821 Text: JAPANESE INTERMEDIATE CODE: A621
JP2019515843 T2	20190821	LSES	+A621	出願審査請求書	Effective date: 20190821

				(Request for Examination)	
JP2019515843 T2	20190821		A781	上申書 (Appeal)	Effective date: 20190821
JP2019515843 T2	20190821		A781	上申書 (Written Statement)	
JP2019515843 T2	20200714	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20200714
JP2019515843 T2	20200714	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20200714
JP2019515843 T2	20210302	LSRV	-A02	DECISION OF REFUSAL	Effective date: 20210302 Text: JAPANESE INTERMEDIATE CODE: A02
JP2019515843 T2	20210302	LSRV	-A02	拒絶査定 (Rejection assessment)	Effective date: 20210302
JP6787923 B2	20180228	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20180228
JP6787923 B2	20201118	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6787923 B2	20360406	PEXP		Calculated Patent Term Expiry	
RU2017138552 A	20190508	LSPB	+	published / reissued	
RU2018138470 A	20200512	LSPB	+	published / reissued	
RU2018138470 A	20210327	LSWD	-FA93	ACKNOWLEDGEMENT OF APPLICATION WITHDRAWN (NO REQUEST FOR EXAMINATION)	Effective date: 20191014
SG11201708013P A1	20171030	LSPB	+	published / reissued	
SG11201808043Q A1	20181030	LSPB	+	published / reissued	
US10938005 BB	20181005	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US10938005 BB	20181106	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO SMALL (ORIGINAL EVENT CODE: SMAL); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US10938005 BB	20190509		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US10938005 BB	20201023	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US10938005 BB	20210210	LSGT	PAT1	Patented Case	
US10938005 BB	20210210	LSGT	PAT1	Patented Case	
US10938005 BB	20210302	LSGT	+	granted / extensions (spc, cpc, pte)	
US10938005 BB	20370831	PEXP		Calculated Patent Term Expiry (PTA 323 days)	
US2018151860 AA	20180214	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:DAVID, PATRICK;GREHL, MARIANA;SPEIDEL, TIMO;SIGNING DATES FROM 20171111 TO 20180131;REEL/FRAME:044922/0828 Owner: UJET VEHICLES S.A.R.L., LUXEMBOURG PartyType: owner
US2018151860 AA	20180301		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2018151860 AA	20180502		RFE1	Docketed New Case - Ready for Examination	
US2018151860 AA	20180502		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING	Text: DOCKETED NEW CASE - READY FOR EXAMINATION

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US2018151860 AA	20180531	LSPB	+	published / reissued	
US2018151860 AA	20190215	LSAS	AS	ASSIGNMENT	PartyType: owner Owner: UJET S.A., LUXEMBOURG Effective date: 20190206 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:UJET VEHICLES S.A.R.L.;REEL/FRAME:048346/0872
US2018151860 AA	20190725	LSES	NFA1	Non Final Action Mailed	
US2018151860 AA	20190725		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2018151860 AA	20200130		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2018151860 AA	20200130		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
US2018151860 AA	20200420		FRM1	Final Rejection Mailed	
US2018151860 AA	20200420		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: FINAL REJECTION MAILED
US2018151860 AA	20201123	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2018151860 AA	20201123		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION
US2019157641 AA	20190301		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2019157641 AA	20190509		RFE1	Docketed New Case - Ready for Examination	
US2019157641 AA	20190523	LSPB	+	published / reissued	
US2019157641 AA	20201023	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019157641 AA	20201023		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019157641 AA	20210127	LSAS	AS	ASSIGNMENT	PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KOROPACHINSKY, YURI;DAVID, PATRICK;REEL/FRAME:055129/0840 Owner: UJET S.A., LUXEMBOURG Effective date: 20210126
US2019157641 AA	20210210	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
WO16162370 A1	20161013	LSPB	+	published / reissued	
WO16162370 A1	20161123		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 16716019 Kind code of Ref document: A1 Country of Ref document: EP
WO16162370 A1	20170929	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 11201708013P Country of Ref document: SG
WO16162370 A1	20171006	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2017552844 Kind code of Ref document: A Country of Ref document: JP
WO16162370 A1	20171010	LSNE	NENP	NON-ENTRY INTO	Ref country code: DE

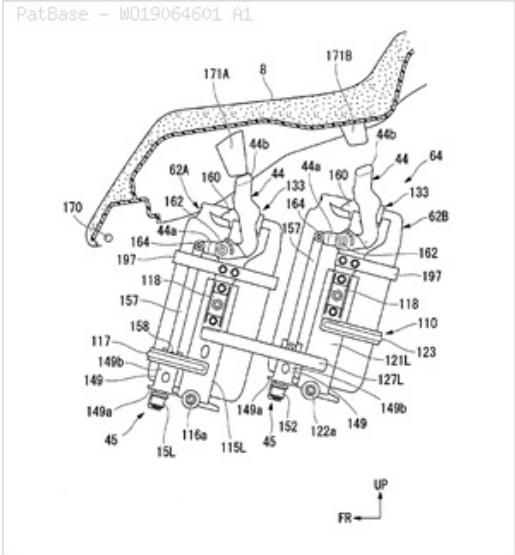
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WO16162370 A1	20180215	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 15564870 Country of Ref document: US
WO17174162 A1	20171012	LSPB	+	published / reissued	
WO17174162 A1	20181009	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO17174162 A1	20181106	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2016790895 Country of Ref document: EP
WO17174162 A1	20181123	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20181106 Ref document number: 2016790895 Country of Ref document: EP
WO17174162 A1	20181205		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 16790895 Country of Ref document: EP
WO17174163 A1	20171012	LSPB	+	published / reissued	
WO17174163 A1	20180924	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 11201808043Q Country of Ref document: SG
WO17174163 A1	20181005	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019503618 Country of Ref document: JP
WO17174163 A1	20181009	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO17174163 A1	20181106	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2016790896 Country of Ref document: EP
WO17174163 A1	20181123	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20181106 Ref document number: 2016790896 Country of Ref document: EP
WO17174163 A1	20181205		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 16790896 Country of Ref document: EP

35) Family number: 73838533 (WO19064601 A1)

Title: **SADDLE** -TYPE VEHICLE

Abstract: This **saddle** -type vehicle is provided with: **locking** **mechanisms** (133) that can fix and hold batteries (62A, 62B) to battery cases (42); and operation levers (44) that can switch the **locking** **mechanisms** (133) between a battery fixed state and a battery unfixed state. The operation levers (44) each have a lever piece (44a) that is supported on the corresponding battery case (42) so as to be rotatable about an operation shaft (162), and an operation piece (44b) that is connected to the lever piece (44a). The operation piece (44b) can be operated on the upper side of an inserting/removing port (136) of the corresponding battery case (42). A hinge shaft (170) of a **seat** (8) and the operation shaft (162) of the **locking** **mechanism** (133) are arranged in the vehicle width direction.

Classifications:
International (IPC 8-9): B60K1/04 B62J11/00 B62J43/20 B62J43/28 B62J9/00 B62J9/14 B62J99/00 B62M6/90 B62M7/06 H01M2/10
CPC: B60K1/04 B62J43/20 B62J9/30 B62M7/06 H01M50/20 Y02E60/10



Family:

Publication number	Publication date	Application number	Application date
CN111247059 A	20200605	CN201780095162	20170929
IN202047010788 A	20200320	IN202047010788	20200313
JP2019064601 A1	20200416	JP20190544197T	20170929
JP6837154 B1	20210303	JP20190544197T	20170929
PH2020500505 A	20210510	PH20200500505	20200312
TW201919937 A	20190601	TW20180133973	20180927
TWI676569 B	20191111	TW20180133973	20180927
WO19064601 A1	20190404	WO2017JP35748	20170929

Priority:
WO2017JP35748 20170929

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KURAMOCHI AKIRA ; NISHIDA SHOGO ; OKUBO KATSUYUKI
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111247059 A	20200605	LSPB	+	published / reissued	
CN111247059 A	20200605	LSPB	PB01	PUBLICATION	
CN111247059 A	20200605	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111247059 A	20200630		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111247059 A	20200630		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
IN202047010788 A	20200320	LSPB	+	published / reissued	
JP2019064601 A1	20191213	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191213
JP2019064601 A1	20191213		A632	国内書面 (National Entry Form)	Effective date:

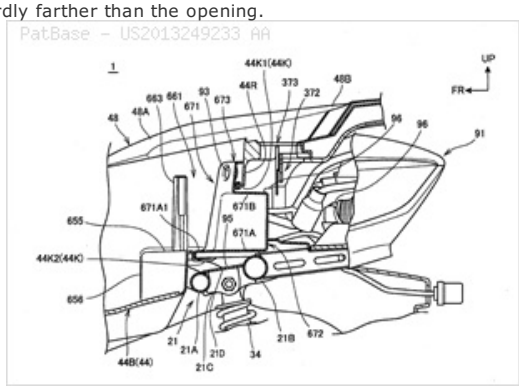
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JP2019064601 A1	20200310		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200310
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JP2019064601 A1	20201021	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20201021 Text: JAPANESE INTERMEDIATE CODE: A523
JP2019064601 A1	20201021		A523	手続補正書 (Written amendment)	Effective date: 20201021
JP2019064601 A1	20201021		A871	EXPLANATION OF CIRCUMSTANCES CONCERNING ACCELERATED EXAMINATION	Effective date: 20201021 Text: JAPANESE INTERMEDIATE CODE: A871
JP2019064601 A1	20201021		A871	早期審査に関する事情説明書 (Written description of circumstances for accelerated examination)	Effective date: 20201021
JP2019064601 A1	20201112		A971005	早期審査に関する報告書 (Report on accelerated examination)	Effective date: 20201112
JP2019064601 A1	20201112		A975	REPORT ON ACCELERATED EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A971005 Effective date: 20201112
JP2019064601 A1	20210125	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064601 A1	20210202	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20210202
JP2019064601 A1	20210202	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210202
JP2019064601 A1	20210210	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210208 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019064601 A1	20210210	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210208
JP2019064601 A1	20210210	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6837154 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6837154 B1	20210303	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6837154 B1	20370929	PEXP		Calculated Patent Term Expiry	
PH2020500505 A	20210510	LSPB	+	published / reissued	
TW201919937 A	20190601	LSPB	+	published / reissued	
TWI676569 B	20191111	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI676569 B	20380927	PEXP		Calculated Patent Term Expiry	
WO19064601 A1	20190404	LSPB	+	published / reissued	
WO19064601 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17927087 Country of Ref document: EP
WO19064601 A1	20191213	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019544197 Kind code of Ref document: A Country of Ref document: JP
WO19064601 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064601 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref document number: 17927087 Kind code of Ref document: A1 Country of Ref document: EP

36) Family number: 54824733 (US2013249233 AA)

Title: ACCOMMODATION STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: An accommodation structure for a **saddle** type vehicle wherein the accommodation space can be expanded by a simple and easy configuration. An opening is provided in a rear wall of an accommodation box that is opened and closed by an occupant's **seat**. Further, a sub-accommodation box is provided that is in the form of a box open in a forward direction and is mounted so as to close up the opening and be swollen rearwardly farther than the opening.

Classifications:
International (IPC 8-9): B60R7/00 B62J1/12 B62J1/28 B62J11/19 B62J6/18 B62J9/00 B62K19/46
CPC: B62K19/46 B62K2202/00
US: 296/37.15



Family:

Publication number	Publication date	Application number	Application date
ES2459270 AB	20140508	ES20130030247	20130225
ES2459270 BB	20150115	ES20130030247	20130225
ES2459270 R1	20140630	ES20130030247	20130225
ITTO20130103 A1	20130923	IT2013TO00103	20130208
JP2013224127 A2	20131031	JP20120210981	20120925
JP5913030 B2	20160427	JP20120210981	20120925
TH130324 A	20131216	TH20131000283	20130117
TH64739 B	20180907	TH20131000283	20130117
US2013249233 AA	20130926	US20130790652	20130308
US8814244 BB	20140826	US20130790652	20130308

Priority:
JP20120064851 20120322 JP20120210981 20120925

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): ATSUCHI MICHIO ; ATSUJI MICHIO ; KOMATSU YOJI ; MARUYAMA TOMOKAZU ; MARUYAMA TOMOYUKI ; YAMANAKA NORIZUMI ; YAMANAKA TAKASUMI ; YOKOUCHI KOHEI
Inventor(s): KOHEI YOKOUCHI ; MICHIO ATSUCHI ; TAKASUMI YAMANAKA ; TOMOYUKI MARUYAMA ; YOJI KOMATSU
Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP; CARPINTERO MARIO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES2459270 AB	20140508	LSPB	+	published / reissued	
ES2459270 BB	20150115	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2459270 BB	20150115	LSGT	+FG2A	DEFINITIVE PROTECTION	Effective date: 20150115 Ref document number: 2459270 Kind code of Ref document: B2 Country of Ref document: ES
ES2459270 BB	20330225	PEXP		Calculated Patent Term Expiry	
ITTO20130103 A1	20130923	LSPB	+	published / reissued	
JP2013224127 A2	20131031	LSPB	+	published / reissued	
JP2013224127 A2	20141129	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141128 Text: JAPANESE INTERMEDIATE CODE: A621
JP2013224127 A2	20150105	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20150105 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013224127 A2	20151028	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20151027 Text: JAPANESE INTERMEDIATE CODE: A131

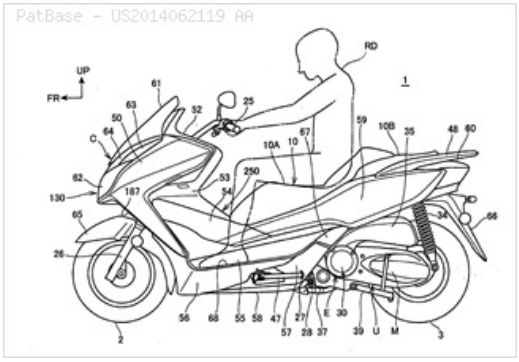
JP2013224127 A2	20151030		A977	REPORT ON RETRIEVAL	Effective date: 20151029 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2013224127 A2	20151112	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20151112 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013224127 A2	20160304	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013224127 A2	20160316	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20160315 Text: JAPANESE INTERMEDIATE CODE: A01
JP2013224127 A2	20160407	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160401 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013224127 A2	20160408	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5913030 Country of Ref document: JP
JP5913030 B2	20160317	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5913030 B2	20160405	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5913030 B2	20160408	LSGT	+R150	特許証 (Patent certificate)	
JP5913030 B2	20160427	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5913030 B2	20190408	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5913030 B2	20320925	PEXP		Calculated Patent Term Expiry	
TH130324 A	20131216	LSPB	+	published / reissued	
TH64739 B	20180907	LSGT	+	granted / extensions (spc, cpc, pte)	
TH64739 B	20330117	PEXP		Calculated Patent Term Expiry	
US2013249233 AA	20130926	LSPB	+	published / reissued	
US2013249233 AA	20140806	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US8814244 BB	20130312	LSAS	AS	ASSIGNMENT	Effective date: 20130301 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:YOKOUCHI, KOHEI;MARUYAMA, TOMOYUKI;ATSUCHI, MICHIO;AND OTHERS;REEL/FRAME:029974/0446
US8814244 BB	20140806	LSGT	PAT1	Patented Case	
US8814244 BB	20140826	LSGT	+	granted / extensions (spc, cpc, pte)	
US8814244 BB	20180215	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US8814244 BB	20330308	PEXP		Calculated Patent Term Expiry	

37) Family number: 55891364 (US2014062119 AA)

Title: LID **LOCK** STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: A lid **lock** structure for a **saddle** type vehicle that can achieve a reduction in the weight of a vehicle body cover while a **lock** member is attached to a vehicle body cover side. The lid **lock** structure for a **saddle** type vehicle includes a **lock** member capable of **locking** a lid in a closed state that is fixed to an upper inner cover and placed on upper frames below the upper inner cover.

Classifications:
International (IPC 8-9): B60K15/04 B60K15/05 B62D27/06 B62J1/12 B62J35/00 B62K19/46
CPC: B60K2015/0432 B60K2015/053 B60K2015/0569 B60K2015/0576 B60K2015/0584 B62D27/06 B62K19/46 B62K2202/00
US: 1/1 296/35.3 49/347 49/503



Family:

Publication number	Publication date	Application number	Application date
DE602013037746 D1	20180621	DE201360037746T	20130822
EP2703273 A1	20140305	EP20130181314	20130822
EP2703273 B1	20180523	EP20130181314	20130822
ES2684511 T3	20181003	ES20130181314T	20130822
JP2014043190 A2	20140313	JP20120187256	20120828
JP5938302 B2	20160622	JP20120187256	20120828
TH135089 A	20140704	TH20131003816	20130708
TH65211 B	20180928	TH20131003816	20130708
US2014062119 AA	20140306	US20130935056	20130703
US9440684 BB	20160913	US20130935056	20130703

Priority:
JP20120187256 20120828 EP20130181314 20130822

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): ATSUCHI MICHIO ; ATSUJI MICHIO ; YOKOUCHI KOHEI
Inventor(s): ATSUCHI MICHIO SAITAMA ; YOKOUCHI KOHEI SAITAMA
Agent(s): AUGARDE ERIC; BIRCH STEWART KOLASCH AND BIRCH LLP; VALLEJO JUAN PEDRO
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE602013037746 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
DE602013037746 D1	20210302	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
EP2703273 A1	20140305	LSPB	+	published / reissued	
EP2703273 A1	20140305	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20130822
EP2703273 A1	20140305		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2703273 A1	20140305		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2703273 A1	20140917		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2703273 A1	20161130	LSES	+17Q	FIRST	Effective date: 20161031

				EXAMINATION REPORT DESPATCHED	
EP2703273 A1	20180110	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20171213
EP2703273 A1	20180110	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	PartyType: owner Owner: HONDA MOTOR CO., LTD.
EP2703273 B1	20180523	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2703273 B1	20180523		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2703273 B1	20180523	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2703273 B1	20180531	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2703273 B1	20180613	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2703273 B1	20180615	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20180615 Kind code of Ref document: T Ref country code: AT Ref document number: 1001305 Ref legal event code: REF Country of Ref document: AT
EP2703273 B1	20180621	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013037746 Ref legal event code: R096 Country of Ref document: DE
EP2703273 B1	20180926		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20180523 Ref country code: NL Ref legal event code: MP
EP2703273 B1	20181003	LSGT	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20181003 Kind code of Ref document: T3 Ref country code: ES Ref document number: 2684511 Ref legal event code: FG2A Country of Ref document: ES
EP2703273 B1	20181010	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2703273 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2703273 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180823 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2703273 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2703273 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP2703273 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180823 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2703273 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Payment date: 20180807 Year of fee payment: 6 Country of Ref document: DE

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	
EP2703273 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180903 Year of fee payment: 6 Country of Ref document: ES
EP2703273 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP2703273 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2703273 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2703273 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180824 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2703273 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2703273 B1	20181215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20180523 Kind code of Ref document: T Ref country code: AT Ref document number: 1001305 Ref legal event code: MK05 Country of Ref document: AT
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-

				OFFICE TO EPO]	LIMIT Country of Ref document: SK
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2703273 B1	20190131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP2703273 B1	20190226	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013037746 Ref legal event code: R097 Country of Ref document: DE
EP2703273 B1	20190228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2703273 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181108 Year of fee payment: 6 Country of Ref document: IT
EP2703273 B1	20190329	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2703273 B1	20190329	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2703273 B1	20190424	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20180823 Ref country code: EP
EP2703273 B1	20190430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180822 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP2703273 B1	20190430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2703273 B1	20190430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2703273 B1	20190501	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20190226
EP2703273 B1	20190510	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20180831 Ref country code: BE Ref legal event code: MM
EP2703273 B1	20190531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2703273 B1	20190830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	Lapsed date: 20180831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE

				FROM NATIONAL OFFICE TO EPO]	
EP2703273 B1	20190830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2703273 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180823 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2703273 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190806 Year of fee payment: 7 Country of Ref document: DE
EP2703273 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190821 Year of fee payment: 7 Country of Ref document: IT
EP2703273 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190902 Year of fee payment: 7 Country of Ref document: ES
EP2703273 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2703273 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013037746 Ref legal event code: R084 Country of Ref document: DE
EP2703273 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180822 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MT
EP2703273 B1	20200331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP2703273 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2703273 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130822 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Country of Ref document: HU
EP2703273 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2703273 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT	Lapsed date: 20180822 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES

				INFORMATION FROM NATIONAL OFFICE TO EPO]	Country of Ref document: IE
EP2703273 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180523 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MK
EP2703273 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180923 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP2703273 B1	20201130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200713 Year of fee payment: 8 Country of Ref document: IT
EP2703273 B1	20210302	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013037746 Ref legal event code: R119 Country of Ref document: DE
EP2703273 B1	20330822	PEXP		Calculated Patent Term Expiry	
ES2684511 T3	20181003	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2684511 T3	20330822	PEXP		Calculated Patent Term Expiry	
JP2014043190 A2	20140313	LSPB	+	published / reissued	
JP2014043190 A2	20141128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2014043190 A2	20150909		A977	REPORT ON RETRIEVAL	Effective date: 20150909 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2014043190 A2	20150930	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150929 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014043190 A2	20151124	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20151124 Text: JAPANESE INTERMEDIATE CODE: A523
JP2014043190 A2	20160425	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014043190 A2	20160510	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20160510 Text: JAPANESE INTERMEDIATE CODE: A01
JP2014043190 A2	20160519	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160516 Text: JAPANESE INTERMEDIATE CODE: A61
JP2014043190 A2	20160520	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5938302 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5938302 B2	20160512	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5938302 B2	20160517	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5938302 B2	20160520	LSGT	+R150	特許証 (Patent certificate)	
JP5938302 B2	20160622	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5938302 B2	20190520	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5938302 B2	20320828	PEXP		Calculated Patent Term Expiry	
TH135089 A	20140704	LSPB	+	published /	

				reissued	
TH65211 B	20180928	LSGT	+	granted / extensions (spc, cpc, pte)	
TH65211 B	20330708	PEXP		Calculated Patent Term Expiry	
US2014062119 AA	20140306	LSPB	+	published / reissued	
US2014062119 AA	20160824	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9440684 BB	20130705	LSAS	AS	ASSIGNMENT	Effective date: 20130618 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:YOKOUCHI, KOHEI;ATSUCHI, MICHIO;REEL/FRAME:030743/0303 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US9440684 BB	20151019	LSES	NFA1	Non Final Action Mailed	
US9440684 BB	20160811	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US9440684 BB	20160824	LSGT	PAT1	Patented Case	
US9440684 BB	20160913	LSGT	+	granted / extensions (spc, cpc, pte)	
US9440684 BB	20200504	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9440684 BB	20201019	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9440684 BB	20201019	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US9440684 BB	20201019	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US9440684 BB	20201110	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20200913
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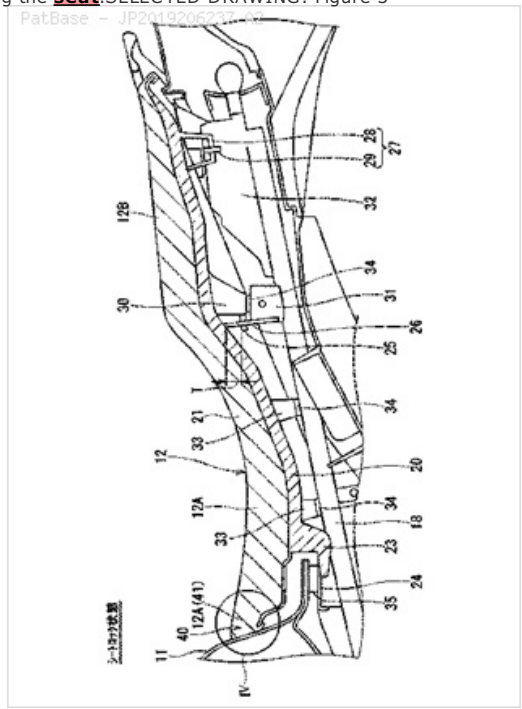
38) Family number: 76829866 (JP2019206237 A2)

Title: SEAT HOP-UP DEVICE FOR SADDLE -RIDING TYPE VEHICLE

Abstract: To achieve a high operational feeling while locking a seat by decreasing a seat pressing load required when locking the seat.SOLUTION: A seat hop-up device 40 for motorcycle having a seat 12, which is detachable to a vehicle body frame 2 and locked against the vehicle body frame by a seat lock mechanism 27 and which pushes up and hops up a seat to keep an unlocking state when unlocking the seat by the seat lock mechanism, includes: energization means 41 fitted on the seat 12 to energize the seat backward; and warp inclined plane which pushes up the seat for hop-up when moving the seat backward by the energization means when unlocking the seat.SELECTED DRAWING: Figure 3

Classifications:

International (IPC 8-9): B60N2/40 B62J1/02 B62J1/08 B62J1/12



Family:

Publication number	Publication date	Application number	Application date
CN210175036 U	20200324	CN201920750002U	20190523
IN201914015923 A	20191206	IN201914015923	20190422
JP2019206237 A2	20191205	JP20180102083	20180529

Priority:

JP20180102083 20180529

Probable Assignee:	SUZUKI MOTOR CORP
Assignee(s): (std):	SUZUKI MOTOR CO ; SUZUKI MOTOR CORP
Assignee(s):	SUZUKI KK
Inventor(s): (std):	OKAJIMA HIROKI
Inventor(s):	HIROKI OKAJIMA

Legal status (INPADOC)

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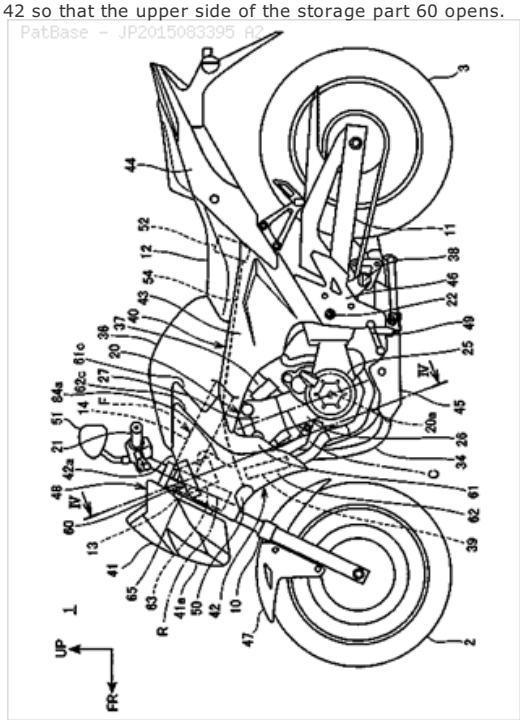
Patent	Date recorded	Event group	Code	Event	Details
CN210175036 U	20200324	LSGT	+	granted / extensions (spc, cpc, pte)	
CN210175036 U	20200324	LSGT	+GR01	PATENT GRANT	
CN210175036 U	20200324	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN210175036 U	20290523	PEXP		Calculated Patent Term Expiry	
IN201914015923 A	20191206	LSPB	+	published / reissued	
JP2019206237 A2	20191205	LSPB	+	published / reissued	
JP2019206237 A2	20210226	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20210226 Text: JAPANESE INTERMEDIATE CODE: A621
JP2019206237 A2	20210226	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20210226

39) Family number: 59044836 (JP2015083395 A2)

Title: ARTICLE STORAGE PART STRUCTURE OF **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To allow an article housing part to be provided regardless of the engine type in an article housing part structure of a **saddle** -riding type vehicle.SOLUTION: An article housing part structure of a **saddle** -riding type vehicle includes: a steering system part 48 supporting at least a front wheel 2 and a handle 21; a head tube 13 which pivotally supports the steering system part 48 so as to steer; a fuel tank 36 disposed at the rear side of the head tube 13; an engine 20 disposed below the fuel tank 36; and a storage part 60 which stores an article near the fuel tank 36. The **saddle** -riding type vehicle includes a tank shroud 42 extending from the lateral side of the fuel tank 36 to the lateral side of the head tube 13. The storage part 60 is provided in the tank shroud 42 so that the upper side of the storage part 60 opens.

Classifications:
International (IPC 8-9): B62D B62J11/00 B62J9/00
CPC: B62J11/00 B62J9/00



Family:

Publication number	Publication date	Application number	Application date
BR102014026222 A2	20180515	BR20141026222	20141021
CN204279761 U	20150422	CN201420610718U	20141021
IN05232CH2014 A	20160701	IN2014CH05232	20141020
IN363459 B	20210402	IN2014CH05232	20141020
JP2015083395 A2	20150430	JP20130221802	20131025

Priority:
JP20130221802 20131025

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): INUI HIDEJIRO ; KIZAKI TOKUJIRO ; SHUJIRO INUI ; TOKUJIRO KIZAKI
Inventor(s): INUI SHUJIRO

Legal status (INPADOC)

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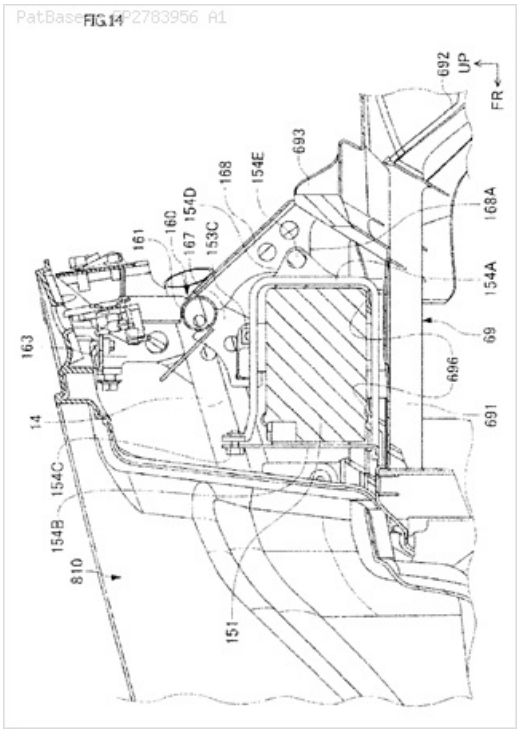
Patent	Date recorded	Event group	Code	Event	Details
BR102014026222 A2	20180515	LSPB	+	published / reissued	
BR102014026222 A2	20180515	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BR102014026222 A2	20181106		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING [CHAPTER 6.6 PATENT GAZETTE]	
CN204279761 U	20150422	LSGT	+	granted / extensions (spc, cpc, pte)	
CN204279761 U	20241021	PEXP		Calculated Patent Term Expiry	
IN05232CH2014 A	20160701	LSPB	+	published / reissued	
IN363459 B	20210402	LSGT	+	granted / extensions (spc, cpc, pte)	
IN363459 B	20341020	PEXP		Calculated Patent Term Expiry	
JP2015083395 A2	20150430	LSPB	+	published / reissued	

40) Family number: 57481643 (EP2783956 A1)

Title: REAR FENDER SUPPORT STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: The invention relates to a rear fender support structure for a **saddle** type vehicle which makes it possible to contrive a reduction in the weight of a rear fender while adopting a configuration wherein a battery is disposed rearwardly of a storage box. The rear fender support structure for the **saddle** type vehicle includes: **seat** rails 14 which form a rear portion of a body frame and support a **seat** either directly or indirectly; a rear fender 69 covering at least the upper side of a rear wheel WR; and a battery 151 disposed on the upper side of the rear fender 69. The rear fender support structure for the **saddle** type vehicle includes a battery stay which covers at least a part of the battery 151 and holds the battery 151. The battery stay is fixed to the **seat** rails 14.

Classifications:
International (IPC 8-9): B60L11/18 B62J11/00 B62J15/00 B62J15/02 B62J17/00 B62J9/00
CPC: B60L2200/12 B60L2270/145 B60L50/16 B60L50/66 B62J43/20 B62J7/04 B62J9/14 B62K2202/00 Y02T10/70



Family:

Publication number	Publication date	Application number	Application date
EP2783956 A1	20141001	EP20140161393	20140325
EP2783956 B1	20200318	EP20140161393	20140325
JP2014198541 A2	20141023	JP20130075179	20130329
JP6132628 B2	20170524	JP20130075179	20130329

Priority:
JP20130075179 20130329

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): NIIDE YASUO ; SHINDE YASUO ; TAKIZAWA KOTA
Agent(s): AHNER PHILIPPE; SHOBAYASHI MASAYUKI
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP2783956 A1	20141001	LSPB	+	published / reissued	
EP2783956 A1	20141001	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140325
EP2783956 A1	20141001		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2783956 A1	20141001		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2783956 A1	20150114		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2783956 A1	20170405	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20170307

EP2783956 A1	20190628		REG	REFERENCE TO A NATIONAL CODE	ClassificationSymbol: B62J0017000000 Text: PREVIOUS MAIN CLASS: B62J0009000000 ClassificationScheme: IPC Ref document number: 602014062427 Ref legal event code: R079 Ref country code: DE Country of Ref document: DE
EP2783956 A1	20190807		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 17/00 20060101AFI20190628BHEP ClassificationScheme: IPC
EP2783956 A1	20191113	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191017
EP2783956 B1	20200318	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2783956 B1	20200318		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2783956 B1	20200318	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2783956 B1	20200325		-DB1	B1 DOCUMENT DELETED	Effective date: 20200221
EP2783956 B1	20200401	LSWD	-18W	APPLICATION WITHDRAWN	Effective date: 20200217
EP2783956 B1	20200409		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200318 Ref country code: LU Ref legal event code: HK
EP2783956 B1	20200409	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602014062427 Ref legal event code: R107 Country of Ref document: DE
EP2783956 B1	20200415	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2783956 B1	20200415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200415 Kind code of Ref document: T Ref country code: AT Ref document number: 1245610 Ref legal event code: REF Country of Ref document: AT
EP2783956 B1	20200615	LSWD	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200318 Kind code of Ref document: T Ref country code: AT Ref document number: 1245610 Ref legal event code: REZ Country of Ref document: AT
EP2783956 B1	20200915	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PK Text: DIE ANMELDUNG WURDE VOR DER ERTEILUNG ZURUECKGENOMMEN.
EP2783956 B1	20340325	PEXP		Calculated Patent Term Expiry	
JP2014198541 A2	20141023	LSPB	+	published / reissued	
JP2014198541 A2	20151126	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20151126
JP2014198541 A2	20160923		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20160923
JP2014198541 A2	20160927	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20160927 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014198541 A2	20161124	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20161124 Text: JAPANESE INTERMEDIATE CODE: A523
JP2014198541 A2	20170315	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014198541 A2	20170321	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20170321 Text: JAPANESE INTERMEDIATE CODE: A01

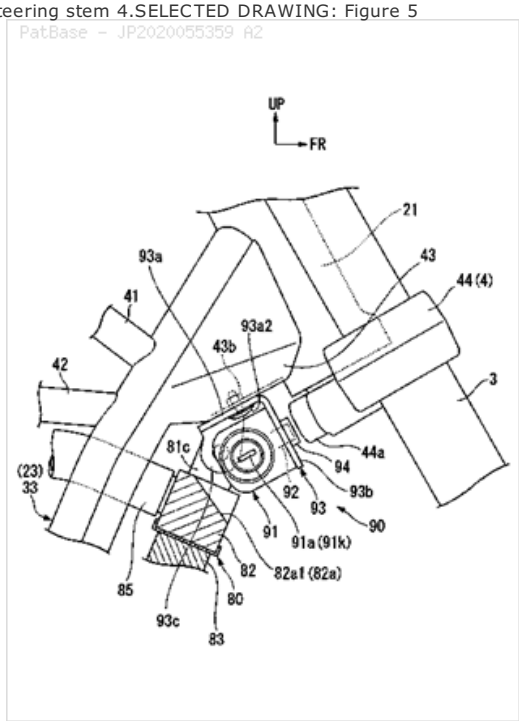
JP2014198541 A2	20170427	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20170418
JP2014198541 A2	20170428	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6132628 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6132628 B2	20170323	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6132628 B2	20170323	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20170321
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JP6132628 B2	20170425	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20170418 Text: 51700843254
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JP6132628 B2	20170428	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20170516
JP6132628 B2	20170524	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6132628 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP6132628 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP6132628 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP6132628 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52100437558 Effective date: 20210226
JP6132628 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP6132628 B2	20330329	PEXP		Calculated Patent Term Expiry	

41) Family number: 78230172 (JP2020055359 A2)

Title: **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a **saddle** -riding type vehicle capable of improving the appearance of a handlebar **lock** periphery.SOLUTION: The **saddle** -riding type vehicle includes a head pipe 21; a down frame 23 extending to the rear of the head pipe 21; a steering stem 4 connected with the head pipe 21; and a handlebar **lock** device 90 capable of regulating the rotation of the steering stem 4. The handlebar **lock** device 90 includes a **lock** unit 91 mounted on the down frame 23 at the rear of the head pipe 21. The **lock** unit 91 has a **lock** pin 92 capable of projecting toward the steering stem 4, and a **locking** part for **locking** the **lock** pin 92 is formed at the steering stem 4.SELECTED DRAWING: Figure 5

Classifications:
International (IPC 8-9): B62H5/04 B62H5/06 B62J41/00 B62J99/00 B62K11/04 B62K15/00 B62K21/06 B62K21/08



Family:

Publication number	Publication date	Application number	Application date
IN201944037746 A	20200403	IN201944037746	20190919
JP2020055359 A2	20200409	JP20180185574	20180928

Priority:

JP20180185574 20180928

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Inventor(s): (std): HIRAMARU MASAYUKI ; KOSUGA TAKUMI ; MAYUZUMI KEI ; MIKURA KEITA ; SAWAZAKI KAZUYA ; WADA KOHEI ; YAMADA MASAOMI

Inventor(s): SAWASAKI KAZUYA

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN201944037746 A	20200403	LSPB	+	published / reissued	
JP2020055359 A2	20190719	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190719 Text: JAPANESE INTERMEDIATE CODE: A523
JP2020055359 A2	20190806	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190719 Text: JAPANESE INTERMEDIATE CODE: A821
JP2020055359 A2	20200409	LSPB	+	published / reissued	
JP2020055359 A2	20201130	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20201130 Text: JAPANESE INTERMEDIATE CODE: A621
JP2020055359 A2	20201130	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201130
JP2020055359 A2	20210618		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210617

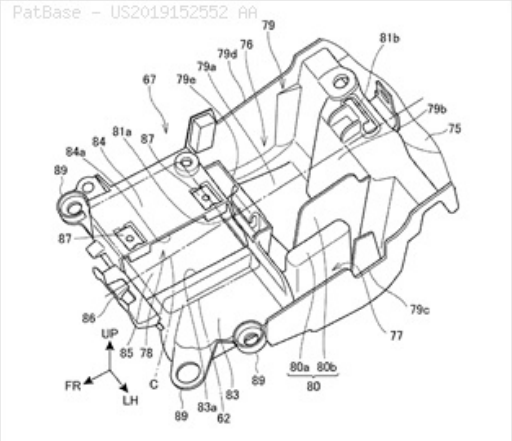
JP2020055359 A2	20210618		A977	REPORT ON RETRIEVAL	Effective date: 20210617 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2020055359 A2	20210629	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20210629 Text: JAPANESE INTERMEDIATE CODE: A131
JP2020055359 A2	20210629	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20210629

42) Family number: 74434481 (US2019152552 AA)

Title: **SADDLE** RIDING VEHICLE

Abstract: A **saddle** riding vehicle includes: a pair of left and right **seat** rails disposed below a **seat** for a passenger; a battery disposed below the **seat**; and an ECU for controlling a drive source of the vehicle, wherein when viewed from above, the battery and the electronic control unit are arranged side by side in a vehicle width direction between the left and right **seat** rails.

Classifications:
International (IPC 8-9): A24C5/47 B62J1/08 B62J11/00 B62J15/00 B62J43/00 B62J45/20 B62J9/00 B62J99/00 B62K11/04 B62K19/30 B62K25/28 B62M7/04
International (IPC 1-7): B62K11/04 B62M7/04
CPC: B62J1/08 B62J15/00 B62J43/00 B62J45/20 B62J99/00 B62K11/04 B62K25/283 B62M7/04
US: 1/1



Family:

Publication number	Publication date	Application number	Application date
BR102018072472 A2	20191001	BR20181072472	20181031
DE602018005067 D1	20200618	DE2018600050067T	20181112
EP3486156 A1	20190522	EP20180205605	20181112
EP3486156 B1	20200603	EP20180205605	20181112
IN201844042370 A	20190906	IN201844042370	20181112
JP2019093836 A2	20190620	JP20170223594	20171121
JP6670814 B2	20200325	JP20170223594	20171121
TH1801006953 A	20200203	TH20181006953	20181112
TH81335 B	20210225	TH20181006953	20181112
US10946921 BB	20210316	US20180185460	20181109
US2019152552 AA	20190523	US20180185460	20181109

Priority:

JP20170223594 20171121 EP20180205605 20181112

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): CHIAKI YAMAMOTO ; HARAGUCHI HIDEAKI ; HIDEAKI HARAGUCHI ; KUROGI NOBUYUKI ; KUROKI NOBUYUKI ; MIYAGAWA SHINOBU ; NOBUYUKI KUROGI ; SHINOBU MIYAGAWA ; YAMAMOTO CHIAKI

Inventor(s): HARAGUCHI HIDEAKI WAKO SHI ; KUROGI NOBUYUKI WAKO SHI ; MIYAGAWA SHINOBU WAKO SHI ; YAMAMOTO CHIAKI WAKO SHI

Agent(s): RANKIN HILL AND CLARK LLP; WEICKMANN AND WEICKMANN PARTMBB; WEICKMANN AND WEICKMANN PATENT U RECHTSANWAELTE PARTMBB

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR102018072472 A2	20191001	LSPB	+	published / reissued	
BR102018072472 A2	20191001	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
EP3486156 A1	20190419		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012

EP3486156 A1	20190419		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3486156 A1	20190522	LSPB	+	published / reissued	
EP3486156 A1	20190522	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20181112
EP3486156 A1	20190522		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3486156 A1	20190522		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3486156 A1	20190522		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3486156 A1	20200112		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3486156 A1	20200112		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3486156 A1	20200205	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20200113
EP3486156 A1	20200421	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3486156 A1	20200501	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3486156 A1	20200501		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3486156 B1	20200603	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3486156 B1	20200603		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3486156 B1	20200603	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3486156 B1	20200615	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3486156 B1	20200615	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref legal event code: REF Kind code of Ref document: T Ref document number: 1276738 Effective date: 20200615 Country of Ref document: AT
EP3486156 B1	20200618	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R096 Ref document number: 602018005067 Country of Ref document: DE
EP3486156 B1	20201026	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP3486156 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3486156 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3486156 B1	20201030	LSLE	-PG25	LAPSED IN A	Lapsed date: 20200903

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP3486156 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200904 Country of Ref document: GR
EP3486156 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3486156 B1	20201111		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20200603
EP3486156 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: LV
EP3486156 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: RS
EP3486156 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200903 Country of Ref document: BG
EP3486156 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3486156 B1	20201215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20200603 Ref legal event code: MK05 Ref country code: AT Kind code of Ref document: T Ref document number: 1276738 Country of Ref document: AT
EP3486156 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3486156 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP3486156 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: IT
EP3486156 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO

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EP3486156 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3486156 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: EE
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EP3486156 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: ES
EP3486156 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201015 Year of fee payment: 3 Country of Ref document: DE
EP3486156 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200603 Country of Ref document: SK
EP3486156 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3486156 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20201003 Country of Ref document: IS
EP3486156 B1	20210304	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602018005067 Ref legal event code: R097 Country of Ref document: DE
EP3486156 B1	20210409		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3486156 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

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EP3486156 B1	20210512	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20210304
EP3486156 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3486156 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200603 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP3486156 B1	20381112	PEXP		Calculated Patent Term Expiry	
IN201844042370 A	20190906	LSPB	+	published / reissued	
JP2019093836 A2	20190620	LSPB	+	published / reissued	
JP2019093836 A2	20190716		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20190716
JP2019093836 A2	20190716		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20190716
JP2019093836 A2	20190723	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20190723
JP2019093836 A2	20190723	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20190723
JP2019093836 A2	20190924	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20190924 Text: JAPANESE INTERMEDIATE CODE: A523
JP2019093836 A2	20190924		A523	手続補正書 (Written amendment)	Effective date: 20190924
JP2019093836 A2	20190924		A53	意見書 (Written opinion)	Effective date: 20190924
JP2019093836 A2	20200214	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019093836 A2	20200218	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20200218
JP2019093836 A2	20200218	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20200218
JP2019093836 A2	20200304	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20200302 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019093836 A2	20200304	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20200302
JP2019093836 A2	20200304	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6670814 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6670814 B2	20200220	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20200218
JP6670814 B2	20200303	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20200302
JP6670814 B2	20200304	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20200317
JP6670814 B2	20200325	LSGT	+	granted / extensions (spc, cpc, pte)	

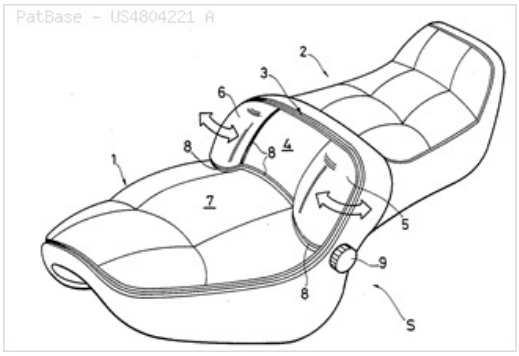
JP6670814 B2	20371121	PEXP		Calculated Patent Term Expiry	
TH1801006953 A	20200203	LSPB	+	published / reissued	
TH81335 B	20210225	LSGT	+	granted / extensions (spc, cpc, pte)	
TH81335 B	20381112	PEXP		Calculated Patent Term Expiry	
US10946921 BB	20181109	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10946921 BB	20181112	LSAS	AS	ASSIGNMENT	Owner: HONDA MOTOR CO., LTD., JAPAN OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:YAMAMOTO, CHIAKI;HARAGUCHI, HIDEAKI;KUROGI, NOBUYUKI;AND OTHERS;REEL/FRAME:047478/0609 Effective date: 20180924 PartyType: owner
US10946921 BB	20190111		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US10946921 BB	20210316	LSGT	+	granted / extensions (spc, cpc, pte)	
US10946921 BB	20390704	PEXP		Calculated Patent Term Expiry (PTA 237 days)	
US2019152552 AA	20190111		RFE1	Docketed New Case - Ready for Examination	
US2019152552 AA	20190523	LSPB	+	published / reissued	
US2019152552 AA	20200831	LSES	NFA1	Non Final Action Mailed	
US2019152552 AA	20201210	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019152552 AA	20201210		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019152552 AA	20210224	LSGT	PAT1	Patented Case	
US2019152552 AA	20210224	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE

43) Family number: 2853438 (US4804221 A)

Title: VARIABLE **SEAT** FOR **MOTORCYCLES**

Abstract: The present invention relates to a **motorcycle** **seat** including a single **seat** or a double **seat** provided with a side support portion in each of both right and left sides which is adjustably constructed the distance between an operator's or a passenger's waist sides and the side support portions. It can easily adjust the supporting pressure to their waist sides and therefore, such an arrangement can realize any suitable space adjustment to accommodate the difference from the operator's or the passenger's size.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/10 B62J1/12
International (IPC 1-7): B62J1/00 B62J1/12 E21B31/08
CPC: B62J1/10 B62J1/12
US: 297/195 297/243 297/284 297/284.9 297/464



Family:

Publication number	Publication date	Application number	Application date
JP62191276 A2	19870821	JP19860032113	19860217
US4804221 A	19890214	US19880189992	19880504

Priority:
JP19860032113 19860217

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD ; VOS NI NEFTEGAZOVYJ I TEKHN BE
Assignee(s): HONDA GIKEN KOGYO KABUSHIKI KAISHA ; HONDA GIKEN KOGYO KK
Inventor(s): (std): SAIKI TERUNARI ; SAIKI TERUYA

Legal status (INPADOC)

View legal status timeline

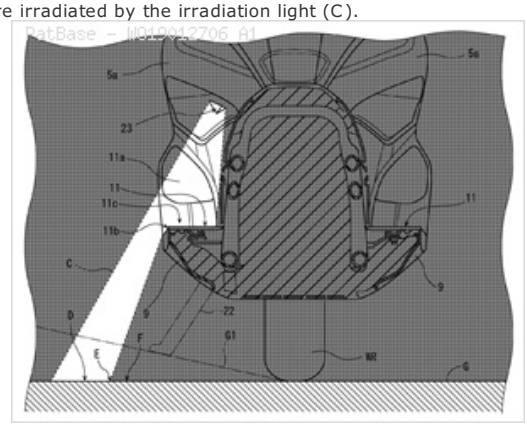
Patent	Date recorded	Event group	Code	Event	Details
JP62191276 A2	19870821	LSPB	+	published / reissued	
US4804221 A	19881213	LSGT	PAT1	Patented Case	
US4804221 A	19890214	LSGT	+	granted / extensions (spc, cpc, pte)	
US4804221 A	19920917		REMI	MAINTENANCE FEE REMINDER MAILED	
US4804221 A	19930214	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US4804221 A	19930601	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 19930212
US4804221 A	20080504	PEXP		Calculated Patent Term Expiry	
US4804221 A	20180130	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US4804221 A	20180130	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362

44) Family number: 72874810 (WO19012706 A1)

Title: ILLUMINATION DEVICE

Abstract: To protect an illumination device that illuminates the vicinity of a vehicle, and provide an illumination device having greater convenience and marketability due to the design of an illuminated position. An illumination device (50) attached to an automatic two-wheeled vehicle (1), wherein the automatic two-wheeled vehicle (1) is provided with a step (11) on which a rider places a foot, and a front cowl (5) disposed in front of the foot of the rider. The illumination device (50), in a position laterally inward from a lateral outer end (11b) of the step (11) and rearward of the front cowl (5), irradiates irradiation light (C) downward of the vehicle body. The illumination device (50) is positioned so as to overlap the step (11) in a plan view. The automatic two-wheeled vehicle (1) is provided with a bulging part (5a) that bulges laterally outward or toward the rear of the vehicle body. A light-emitting part of the illumination device (50) is installed in the lower part of the bulging part (5a), and both the step (11) and the road surface (G) are irradiated by the irradiation light (C).

Classifications:
International (IPC 8-9): B60Q1/00 B60Q1/24 B60Q3/20 B62J6/00
CPC: B60Q1/00 B60Q3/20 B62J6/00



Family:

Publication number	Publication date	Application number	Application date
IN201917054215 A	20200221	IN201917054215	20191227
JP2019012706 A1	20200528	JP20190529431T	20170714
WO19012706 A1	20190117	WO2017JP25810	20170714

Priority:
WO2017JP25810 20170714

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): ASHIHARA EIJI ; HOSODA YUTA ; KURIKI DAISUKE ; OGAWA WATARU ; OGUCHI TSUYOSHI ; SUZUKI JUN ; TAKAISHI YUSUKE
Agent(s): SAKAMOTO KIYOTAKA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN201917054215 A	20200221	LSPB	+	published / reissued	
JP2019012706 A1	20191212		A5211	特許協力条約第34条補正の写し提出書 (Submission of Copy of Amendment under Article 34 of the Patent)	Effective date: 20191212
JP2019012706 A1	20191212	LSRE	A529	WRITTEN SUBMISSION OF COPY OF AMENDMENT UNDER SECTION 34 (PCT)	Text: JAPANESE INTERMEDIATE CODE: A5211 Effective date: 20191212
JP2019012706 A1	20191212		A632	国内書面 (National Entry Form)	Effective date: 20191212
JP2019012706 A1	20191219	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20191219
JP2019012706 A1	20191219		A523	手続補正書 (Written amendment)	Effective date: 20191219
JP2019012706 A1	20191219	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20191219
JP2019012706 A1	20191219	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191219

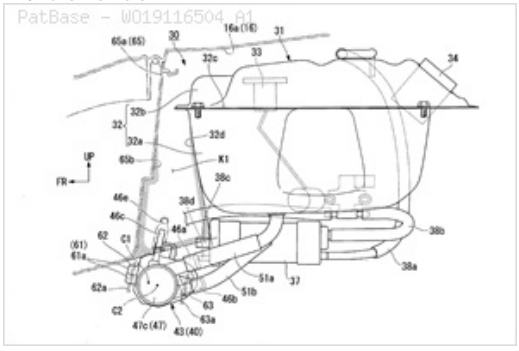
JP2019012706 A1	20200422		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200422
JP2019012706 A1	20200528	LSPB	+	published / reissued	
JP2019012706 A1	20210217	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20210217 Text: JAPANESE INTERMEDIATE CODE: A131
JP2019012706 A1	20210217	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20210217
JP2019012706 A1	20210414	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20210414
JP2019012706 A1	20210414		A523	手続補正書 (Written amendment)	Effective date: 20210414
JP2019012706 A1	20210414		A53	意見書 (Written opinion)	Effective date: 20210414
JP2019012706 A1	20210714	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210714
JP2019012706 A1	20210719	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210715
WO19012706 A1	20190117	LSPB	+	published / reissued	
WO19012706 A1	20190227		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17917586 Country of Ref document: EP
WO19012706 A1	20191212	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019529431 Kind code of Ref document: A Country of Ref document: JP
WO19012706 A1	20200115	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19012706 A1	20200812	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref document number: 17917586 Kind code of Ref document: A1 Country of Ref document: EP

45) Family number: 74787934 (WO19116504 A1)

Title: SADDLED VEHICLE

Abstract: This saddled vehicle (1) comprises: a **seat** (16) on which a vehicle occupant is to sit; an article storage box (65) which is disposed under the **seat** (16); a fuel tank (31) which is disposed behind the article storage box (65); and a fuel pump (40) which is provided to the outside of the fuel tank (31) and has at least a portion thereof disposed in a space (K1) between the article storage box (65) and the fuel tank (31) in side view of the vehicle.

Classifications:
International (IPC 8-9): B62J15/00 B62J37/00
CPC: B62J15/00 B62J37/00



Family:

Publication number	Publication date	Application number	Application date
BR112020011418 A2	20201124	BR20201111418	20171214
CN111448128 A	20200724	CN201780097554	20171214
IN202047023254 A	20200731	IN202047023254	20200603
JP2019116504 A1	20200827	JP20190559498T	20171214
JP6893256 B1	20210623	JP20190559498T	20171214
WO19116504 A1	20190620	WO2017JP44920	20171214

Priority:
WO2017JP44920 20171214

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KOHEI YOKOUCHI ; KOTA NAKAUCHI ; NAKAUCHI KOTA ; YOKOUCHI KOHEI
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR112020011418 A2	20201124	LSPB	+	published / reissued	
CN111448128 A	20200724	LSPB	+	published / reissued	
CN111448128 A	20200724	LSPB	PB01	PUBLICATION	
CN111448128 A	20200724	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111448128 A	20200818		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111448128 A	20200818		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
IN202047023254 A	20200731	LSPB	+	published / reissued	
JP2019116504 A1	20200827	LSPB	+	published / reissued	
JP2019116504 A1	20210512	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019116504 A1	20210518	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210518 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019116504 A1	20210518	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210518
JP2019116504 A1	20210602	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210531 Text: JAPANESE

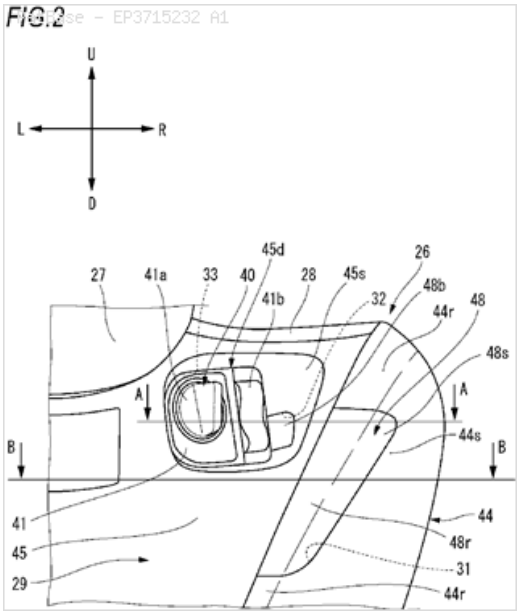
					INTERMEDIATE CODE: A61
JP2019116504 A1	20210602	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210531
JP2019116504 A1	20210602	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6893256 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6893256 B1	20210623	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6893256 B1	20371214	PEXP		Calculated Patent Term Expiry	
WO19116504 A1	20190620	LSPB	+	published / reissued	
WO19116504 A1	20190725		DPE2	REQUEST FOR PRELIMINARY EXAMINATION FILED BEFORE EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19116504 A1	20190731		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17934450 Country of Ref document: EP
WO19116504 A1	20200213	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019559498 Kind code of Ref document: A Country of Ref document: JP
WO19116504 A1	20200616	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19116504 A1	20201020		REG	REFERENCE TO NATIONAL CODE	Ref country code: BR Ref legal event code: B01A Ref document number: 112020011418 Country of Ref document: BR
WO19116504 A1	20201124	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20200605 Kind code of Ref document: A2 Ref document number: 112020011418 Country of Ref document: BR
WO19116504 A1	20201223	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 17934450 Country of Ref document: EP

46) Family number: 81229275 (EP3715232 A1)

Title: LID SUPPORT STRUCTURE

Abstract: A lid support structure includes a vehicle body cover (29) including a first opening (31) and a second opening (32), and a lid (48) configured to be detachably engaged with the vehicle body cover (29). The lid (48) includes a lid surface (48s) configured to close the first opening (31) of the vehicle body cover (29), and an operation surface (48b) disposed to be operable through the second opening (32) of the vehicle body cover (29). The lid (48) is configured to be disengaged from the vehicle body cover (29) by moving the operation surface (48b).

Classifications:
International (IPC 8-9): B60K15/05 B60L3/00 B60W10/02 B62J17/00 B62J17/06 B62J23/00 B62J9/12 B65D51/16 H02G3/14
CPC: B62J17/00 B62J17/02 B62J9/12 B62K2202/00



Family:

Publication number	Publication date	Application number	Application date
EP3715232 A1	20200930	EP20200165973	20200326
IN202044013220 A	20201002	IN202044013220	20200326
JP2020158075 A2	20201001	JP20190062674	20190328

Priority:
JP20190062674 20190328

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): NAGAYAMA MASASHI ; OISHI KENICHI
Agent(s): FELLER FRANK
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3715232 A1	20200828		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3715232 A1	20200828		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3715232 A1	20200930	LSPB	+	published / reissued	
EP3715232 A1	20200930	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20200326
EP3715232 A1	20200930		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3715232 A1	20200930		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME

EP3715232 A1	20210618		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP3715232 A1	20210630		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 17/02 20060101AFI20210527BHEP
EP3715232 A1	20210630		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 17/00 20200101ALI20210527BHEP ClassificationScheme: IPC
EP3715232 A1	20210630		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/12 20200101ALI20210527BHEP ClassificationScheme: IPC
IN202044013220 A	20201002	LSPB	+	published / reissued	
JP2020158075 A2	20191210	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20191210
JP2020158075 A2	20201001	LSPB	+	published / reissued	
JP2020158075 A2	20210106		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210106
JP2020158075 A2	20210106		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20210106
JP2020158075 A2	20210209	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20210209
JP2020158075 A2	20210209	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20210209
JP2020158075 A2	20210323	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20210323 Text: JAPANESE INTERMEDIATE CODE: A523
JP2020158075 A2	20210323		A523	手続補正書 (Written amendment)	Effective date: 20210323
JP2020158075 A2	20210323		A53	意見書 (Written opinion)	Effective date: 20210323

47) Family number: 55351352 (WO13182195 A1)

Title: HELMET ATTACHMENT SYSTEM

Abstract: A helmet attachment system (2) is disclosed. The helmet attachment system (2) comprises a cover (4) configured to cover a helmet and secure the helmet to a **saddle** (22) on a bicycle (6), a moped, a scooter or a **motorcycle**, where the cover (4) is configured to be attached to the **saddle** (22), where the cover (4) comprises a space (82) and an opening to the space (82), where the space (82) is configured to contain the helmet and to receive the helmet through the opening when the cover (4) is attached to the member (22). The cover (4) comprises a base member (78) configured to be attached to the **saddle** (22), where the cover (4) moreover comprises a top member (66) attached to the base member (78), where the space (82) is provided between the base member and the top member (66).

Classifications:
International (IPC 8-9)**:** A42B3/00 A42B3/04
CPC: A42B3/006 A42B3/0413 B62J11/24 B62J9/26

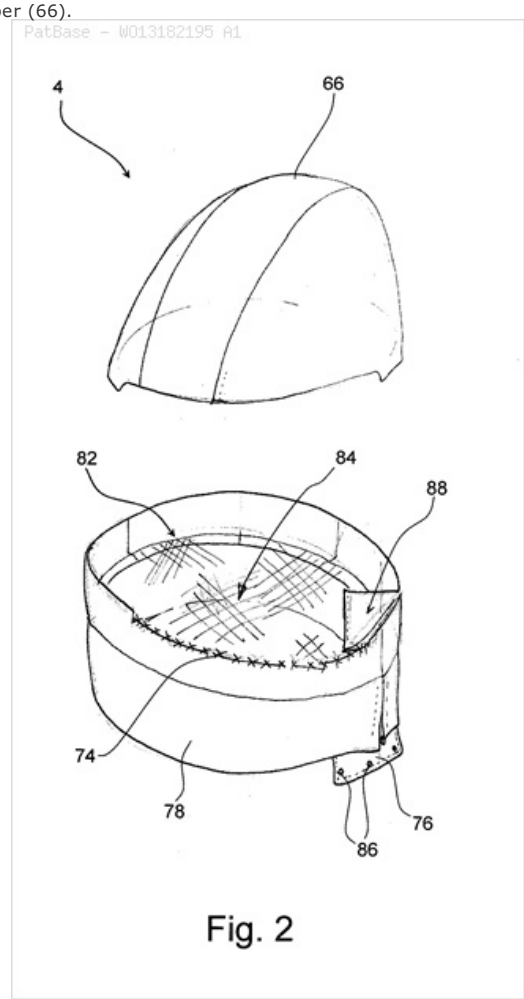


Fig. 2

Family:

Publication number	Publication date	Application number	Application date
WO13182195 A1	20131212	WO2013DK00035	20130606

Priority:
DK20120000388 20120607

Probable Assignee: GAMECHANGE APS

Assignee(s): (std)**:** GAMECHANGE APS

Inventor(s): (std)**:** DIERNAES SUNE FRAES ; JARMANN JESPER

Agent(s): TROPA APS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
WO13182195 A1	20131212	LSPB	+	published / reissued	
WO13182195 A1	20140205		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 13734319 Country of Ref document: EP
WO13182195 A1	20150603		-32PN	EP: PUBLIC NOTIFICATION	Text: NOTING OF LOSS OF

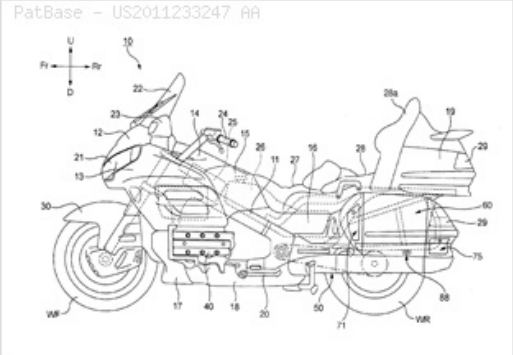
				IN THE EP BULLETIN AS ADDRESS OF THE ADRESSEE CANNOT BE ESTABLISHED	RIGHTS PURSUANT TO RULE 112(1) EPC (EPO FORM 1205A DATED 03/04/2015)
WO13182195 A1	20151021	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 13734319 Country of Ref document: EP

48) Family number: 49624441 (US2011233247 AA)

Title: **SADDLE** BAG AND **MOTORCYCLE** HAVING THE SAME

Abstract: A **saddle** bag that can efficiently achieve required storage capacity and that is easy to use for easy loading and unloading of luggage. A **saddle** bag is disposed at a predetermined position in a vehicle, such as a **motorcycle**, and is configured to store articles. A storage unit formed substantially into a box shape to be capable of storing articles therein is supported inside a case unit for covering the storage unit via a slide **mechanism**. The storage unit can slidingly move between a bag closed position in which the storage unit is housed and closed in the case unit and a bag open position in which the storage unit is exposed from the case unit.

Classifications:
International (IPC 8-9): B62J23/00 B62J9/00
CPC: B62J9/20
US: 224/413



Family:

Publication number	Publication date	Application number	Application date
CA2733384 AA	20110926	CA20112733384	20110307
CA2733384 C	20131105	CA20112733384	20110307
DE102011004198 A1	20111110	DE201110004198	20110216
ITTO20110216 A1	20110927	IT2011TO00216	20110310
JP2011201515 A2	20111013	JP20100073446	20100326
US2011233247 AA	20110929	US20110069577	20110323

Priority:
JP20100073446 20100326 CA20112733384 20110307

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD ; KANAZAWA IZUMI
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KANAZAWA IZUMI
Agent(s): DENNISON ASSOCIATES

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CA2733384 AA	20110307	LSES	+EEER	EXAMINATION REQUEST	
CA2733384 AA	20110926	LSPB	+	published / reissued	
CA2733384 AA	20170420	LSLE	-MKLA	LAPSED	Effective date: 20170307
CA2733384 C	20131105	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2733384 C	20310307	PEXP		Calculated Patent Term Expiry	
DE102011004198 A1	20111110	LSPB	+	published / reissued	
DE102011004198 A1	20120202	LSES	+R012	REQUEST FOR EXAMINATION VALIDLY FILED	Effective date: 20110216
DE102011004198 A1	20150612	LSES	R016	RESPONSE TO EXAMINATION COMMUNICATION	
DE102011004198 A1	20180515	LSRV	-R002	REFUSAL DECISION IN EXAMINATION/REGISTRATION PROCEEDINGS	
DE102011004198 A1	20180619	LSRV	-R003	REFUSAL DECISION NOW FINAL	
ITTO20110216 A1	20110927	LSPB	+	published / reissued	
JP2011201515 A2	20111013	LSPB	+	published / reissued	
JP2011201515 A2	20121128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20121127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2011201515 A2	20131120	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20131119 Text: JAPANESE INTERMEDIATE CODE: A131
JP2011201515 A2	20131122		A977	REPORT ON RETRIEVAL	Effective date: 20131121 Text: JAPANESE INTERMEDIATE

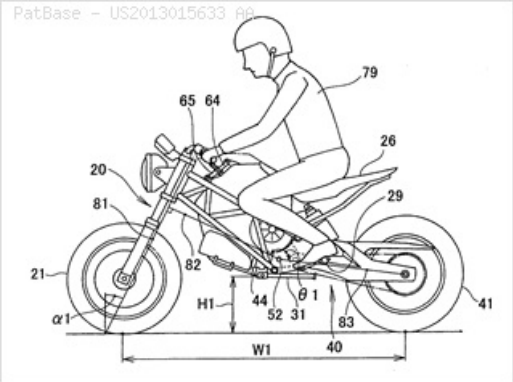
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JP2011201515 A2	20140125		RD04	NOTIFICATION OF RESIGNATION OF POWER OF ATTORNEY	Effective date: 20140124 Text: JAPANESE INTERMEDIATE CODE: A7424
JP2011201515 A2	20140326	LSRV	-A02	DECISION OF REFUSAL	Effective date: 20140325 Text: JAPANESE INTERMEDIATE CODE: A02
US2011233247 AA	20110324	LSAS	AS	ASSIGNMENT	Effective date: 20110314 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:KANAZAWA, IZUMI;REEL/FRAME:026017/0122 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US2011233247 AA	20110929	LSPB	+	published / reissued	
US2011233247 AA	20140726	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2011233247 AA	20140726		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

49) Family number: 52789527 (US2013015633 AA)

Title: **SADDLE** TYPE VEHICLE

Abstract: A **saddle** type vehicle for permitting a change from a cruiser to a sport mode, a stand and front and rear steps. In the sport mode, a rider is in a forward-tilted posture with first and second link plates in a wide-spread state. The bend angle ?**1** between a first line segment and a second line segment is a little less than 180 degrees. When the first and second link plates are folded into a V-shape, a rear structure body is turned counterclockwise and a front structure body is turned clockwise. The bend angle ?**2** is reduced. The road clearance of a drive source support case is smaller with the position of center of gravity and the **seat** being lower. As a result, a cruiser mode is achieved. While being a single vehicle, a change in the position of its center of gravity and in the vehicle body form is achieved.

Classifications:
International (IPC 8-9): B62H1/00 B62H1/02 B62J25/00 B62K11/02 B62K11/04 B62K11/14 B62K13/00 B62K13/08 B62K17/00 B62K23/02 B62K25/28 B62K3/02 B62M7/02
CPC: B62H1/02 B62J25/00 B62K11/04 B62K11/14 B62K13/00 B62K13/08 B62K25/283
US: 280/281.1



Family:

Publication number	Publication date	Application number	Application date
AU2012203514 AA	20130131	AU20120203514	20120615
AU2012203514 BB	20140717	AU20120203514	20120615
CN102874344 A	20130116	CN201210236663	20120709
CN102874344 B	20150408	CN201210236663	20120709
DE602012006276 D1	20150513	DE201260006276T	20120709
EP2546130 A1	20130116	EP20120175529	20120709
EP2546130 B1	20150401	EP20120175529	20120709
ES2534965 T3	20150430	ES20120175529T	20120709
JP2013018360 A2	20130131	JP20110153098	20110711
JP5674574 B2	20150225	JP20110153098	20110711
JP2013018363 A2	20130131	JP20110153140	20110711
JP5700823 B2	20150415	JP20110153140	20110711
JP2013018366 A2	20130131	JP20110153174	20110711
JP5629654 B2	20141126	JP20110153174	20110711
TW201321252 A	20130601	TW20120122077	20120620
TWI513622 B	20151221	TW20120122077	20120620
US2013015633 AA	20130117	US20120543260	20120706

Priority:
JP20110153098 20110711 JP20110153140 20110711 JP20110153174 20110711 EP20120175529 20120709

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD ; KATAGIRI KIYOSHI ; NAKABAYASHI SHUNICHI ; NAKAHIRA KOTA ; OKUBO KIYOHARU ; SAKAGAMI KOJI ; YAMAMOTO YOSHIKAZU

Assignee(s): HONDA MOTOR CO

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Inventor(s): KATAGIRI KIYOSHI SAITAMA ; NAKABAYASHI SHUNICHI SAITAMA ; NAKAHIRA KOTA SAITAMA ; OKUBO KIYOHARU SAITAMA ; SAKAGAMI KOJI SAITAMA ; YAMAMOTO YOSHIKAZU SAITAMA

Agent(s): BEDER JENS; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; SPRUSON AND FERGUSON; SUMIYOSHI KATSUHIKO; UNGRIA JAVIER

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2012203514 AA	20130131	LSPB	+	published / reissued	
AU2012203514 BB	20140717	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2012203514 BB	20141113	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2012203514 BB	20210121	LSLE	-MK14	PATENT CEASED SECTION 143(A)	

				(ANNUAL FEES NOT PAID) OR EXPIRED	
AU2012203514 BB	20320615	PEXP		Calculated Patent Term Expiry	
CN102874344 A	20130116	LSPB	+	published / reissued	
CN102874344 A	20130116	LSPB	+C06	PUBLICATION	
CN102874344 A	20130227		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102874344 B	20150408	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102874344 B	20150408	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102874344 B	20320709	PEXP		Calculated Patent Term Expiry	
DE602012006276 D1	20141030		R079	AMENDMENT OF IPC MAIN CLASS	Text: PREVIOUS MAIN CLASS: B62K0013000000 ClassificationScheme: IPC ClassificationSymbol: B62K0025280000
DE602012006276 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
EP2546130 A1	20130116	LSPB	+	published / reissued	
EP2546130 A1	20130116	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20120709
EP2546130 A1	20130116		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2546130 A1	20130116		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2546130 A1	20141030		REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602012006276 ClassificationScheme: IPC ClassificationSymbol: B62K0025280000 Ref country code: DE Text: PREVIOUS MAIN CLASS: B62K0013000000 Ref legal event code: R079 Country of Ref document: DE
EP2546130 A1	20141203		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 25/00 20060101ALI20141030BHEP
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EP2546130 A1	20141203		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 11/14 20060101ALI20141030BHEP
EP2546130 A1	20141210	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20141112
EP2546130 A1	20160729	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160613 Year of fee payment: 5 Country of Ref document: ES
EP2546130 A1	20160831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Payment date: 20160613 Year of fee payment: 5 Country of Ref document: FR

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EP2546130 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160705 Year of fee payment: 5 Country of Ref document: DE
EP2546130 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20160706 Country of Ref document: GB
EP2546130 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160912 Year of fee payment: 5 Country of Ref document: IT
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EP2546130 B1	20150401	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2546130 B1	20150415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2546130 B1	20150422	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2546130 B1	20150430	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: ES Ref legal event code: FG2A Effective date: 20150430 Kind code of Ref document: T3 Ref document number: 2534965 Country of Ref document: ES
EP2546130 B1	20150513	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602012006276 Ref country code: DE Effective date: 20150513 Ref legal event code: R096 Country of Ref document: DE
EP2546130 B1	20150515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150515 Ref legal event code: REF Ref document number: 718904 Kind code of Ref document: T Ref country code: AT Country of Ref document: AT
EP2546130 B1	20150812	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150401 Ref country code: NL Ref legal event code: VDEP
EP2546130 B1	20150815	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref document number: 718904 Effective date: 20150401 Ref legal event code: MK05 Ref country code: AT Country of Ref document: AT
EP2546130 B1	20150925	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP2546130 B1	20150930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: HR

EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150803 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150701 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: LT
EP2546130 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2546130 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150702 Country of Ref document: GR
EP2546130 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150801 Country of Ref document: IS
EP2546130 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2546130 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2546130 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: AT
EP2546130 B1	20160105	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R097 Ref document number: 602012006276 Country of Ref document: DE
EP2546130 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: DK
EP2546130 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2546130 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: PL
EP2546130 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20150401 Country of Ref document: RO

				OFFICE TO EPO]	
EP2546130 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2546130 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: MC
EP2546130 B1	20160229	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2546130 B1	20160309	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20160105
EP2546130 B1	20160331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150709 Country of Ref document: LU
EP2546130 B1	20160420	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2546130 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150731 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2546130 B1	20160429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150731 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2546130 B1	20160531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2546130 B1	20160613	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 5 Ref country code: FR Ref legal event code: PLFP Country of Ref document: FR
EP2546130 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150709 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2546130 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP2546130 B1	20170331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MT
EP2546130 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20120709 Country of Ref document: HU
EP2546130 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2546130 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A

				VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2546130 B1	20170613	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Year of fee payment: 6 Ref country code: FR
EP2546130 B1	20170630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP2546130 B1	20170630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2546130 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170613 Year of fee payment: 6 Country of Ref document: FR
EP2546130 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20150401 Country of Ref document: TR
EP2546130 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170801 Year of fee payment: 6 Country of Ref document: ES
EP2546130 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170705 Year of fee payment: 6 Country of Ref document: DE
EP2546130 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20170720 Country of Ref document: IT
EP2546130 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170705 Year of fee payment: 6 Country of Ref document: GB
EP2546130 B1	20180612	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 7
EP2546130 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2546130 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180612 Year of fee payment: 7 Country of Ref document: FR
EP2546130 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150401 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2546130 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID	Payment date: 20180801

				TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Country of Ref document: ES
EP2546130 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20180626 Country of Ref document: DE
EP2546130 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180713 Year of fee payment: 7 Country of Ref document: IT
EP2546130 B1	20181130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20180704 Country of Ref document: GB
EP2546130 B1	20190830	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20190619 Country of Ref document: FR
EP2546130 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190801 Year of fee payment: 8 Country of Ref document: ES
EP2546130 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190719 Year of fee payment: 8 Country of Ref document: IT
EP2546130 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20190625 Country of Ref document: DE
EP2546130 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602012006276 Ref country code: DE Ref legal event code: R084 Country of Ref document: DE
EP2546130 B1	20191231	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20190703 Country of Ref document: GB
EP2546130 B1	20200115	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: 746 Effective date: 20191219 Ref country code: GB
EP2546130 B1	20201030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200624 Year of fee payment: 9 Country of Ref document: DE
EP2546130 B1	20201130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20200610 Country of Ref document: IT
EP2546130 B1	20210331	LSLE	-GBPC	GB: EUROPEAN	Ref country code: EP

				PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20200709
EP2546130 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200709 Country of Ref document: GB
EP2546130 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200731 Country of Ref document: FR
EP2546130 B1	20320709	PEXP		Calculated Patent Term Expiry	
ES2534965 T3	20150430	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2534965 T3	20320709	PEXP		Calculated Patent Term Expiry	
JP2013018360 A2	20130131	LSPB	+	published / reissued	
JP2013018360 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20131127
JP2013018360 A2	20140716	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140715 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013018360 A2	20140906	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20140905
JP2013018360 A2	20141212	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013018360 A2	20141217	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20141216 Text: JAPANESE INTERMEDIATE CODE: A01
JP2013018360 A2	20150108	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20141222 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013018360 A2	20150109	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5674574 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP2013018363 A2	20130131	LSPB	+	published / reissued	
JP2013018363 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20131127
JP2013018363 A2	20141008	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20141007 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013018363 A2	20141127	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20141126 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013018363 A2	20150130	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013018363 A2	20150212	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20150210 Text: JAPANESE INTERMEDIATE CODE: A01
JP2013018363 A2	20150226	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20150216 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013018363 A2	20150227	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5700823 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP2013018366 A2	20130131	LSPB	+	published / reissued	

JP2013018366 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20131127
JP2013018366 A2	20140709	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140708 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013018366 A2	20140903	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20140902
JP2013018366 A2	20140925	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013018366 A2	20141001	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20140930 Text: JAPANESE INTERMEDIATE CODE: A01
JP2013018366 A2	20141009	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20141006 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013018366 A2	20141010	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5629654 Country of Ref document: JP
JP5629654 B2	20141002	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5629654 B2	20141002	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20140930
JP5629654 B2	20141007	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5629654 B2	20141007	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51402049030 Effective date: 20141006
JP5629654 B2	20141010	LSGT	+R150	特許証 (Patent certificate)	
JP5629654 B2	20141010	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20141021
JP5629654 B2	20141126	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5629654 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5629654 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51701586590 Effective date: 20170727
JP5629654 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5629654 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170815
JP5629654 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5629654 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51801521710 Effective date: 20180725
JP5629654 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5629654 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180814
JP5629654 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5629654 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901838193 Effective date: 20190830
JP5629654 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5629654 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5629654 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190920
JP5629654 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001777134 Effective date: 20200831
JP5629654 B2	20200902	LSFE	R2501	年金領収書 (一括)	Effective date: 20200925

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JP5629654 B2	20310711	PEXP		Calculated Patent Term Expiry	
JP5674574 B2	20141218	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5674574 B2	20141218	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20141216
JP5674574 B2	20150106	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5674574 B2	20150106	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20141222 Text: 51402605409
JP5674574 B2	20150109	LSGT	+R150	特許証 (Patent certificate)	
JP5674574 B2	20150109	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150120
JP5674574 B2	20150225	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5674574 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5674574 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51702284602 Effective date: 20171030
JP5674574 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5674574 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5674574 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5674574 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51802211954 Effective date: 20181026
JP5674574 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5674574 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5674574 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5674574 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206 Text: 51902564131
JP5674574 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5674574 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5674574 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5674574 B2	20310711	PEXP		Calculated Patent Term Expiry	
JP5700823 B2	20150219	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5700823 B2	20150219	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20150210
JP5700823 B2	20150224	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5700823 B2	20150224	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51500314168 Effective date: 20150216
JP5700823 B2	20150227	LSGT	+R150	特許証 (Patent certificate)	
JP5700823 B2	20150227	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150310
JP5700823 B2	20150415	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5700823 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5700823 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20171030 Text: 51702284602
JP5700823 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	

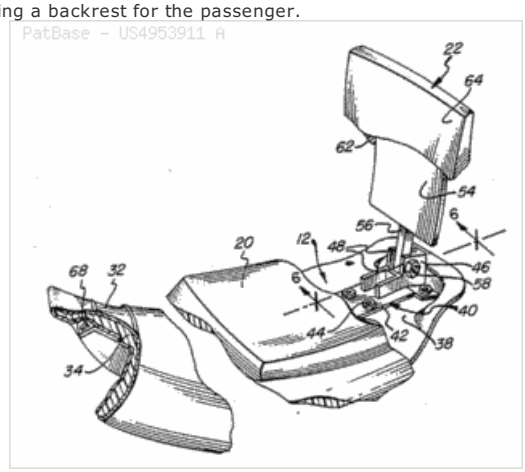
JP5700823 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5700823 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5700823 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20181026 Text: 51802211954
JP5700823 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5700823 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5700823 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5700823 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206 Text: 51902564131
JP5700823 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5700823 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5700823 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5700823 B2	20310711	PEXP		Calculated Patent Term Expiry	
TW201321252 A	20130601	LSPB	+	published / reissued	
TWI513622 B	20151221	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI513622 B	20320620	PEXP		Calculated Patent Term Expiry	
US2013015633 AA	20120726	LSAS	AS	ASSIGNMENT	PartyType: owner Effective date: 20120709 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:NAKABAYASHI, SHUNICHI;SAKAGAMI, KOJI;KATAGIRI, KIYOSHI;AND OTHERS;REEL/FRAME:028649/0362 Owner: HONDA MOTOR CO., LTD., JAPAN
US2013015633 AA	20130117	LSPB	+	published / reissued	
US2013015633 AA	20140418	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2013015633 AA	20140418		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

50) Family number: 4223413 (US4953911 A)

Title: Convertible **seat** for **motorcycle**

Abstract: A tandem **motorcycle** **seat** has a platform member for mounting upon the chassis, a tandem **saddle** providing a driver **seat** and a passenger **seat**, and a pivotable backrest pivoted on said platform member for pivoting between a position covering the passenger **seat** and an erected position providing a backrest for the passenger.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/12 B62J1/28
International (IPC 1-7): B62J1/00
CPC: B62J1/00 B62J1/12 B62J1/28
US: 297/195 297/195.12 297/215.12 297/378 297/378.14



Family:

Publication number	Publication date	Application number	Application date
US4953911 A	19900904	US19880275421	19881123

Priority:
US19880275421 19881123

Probable Assignee: CORBIN PACIFIC A CORP OF CA
Assignee(s): (std): CORBIN PACIFIC
Assignee(s): COMERICA BANK ; CORBIN PACIFIC A CORP OF CA ; CORBIN PACIFIC INC ; WELLS FARGO BANK
Inventor(s): (std): HANAGAN MICHAEL W

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US4953911 A	19881123	LSAS	AS	ASSIGNMENT	Effective date: 19881122 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST.;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:004978/0604 Owner: CORBIN PACIFIC, 123-C LEE ROAD, WATSONVILLE, CA. A PartyType: owner
US4953911 A	19881123	LSAS	AS	ASSIGNMENT	Effective date: 19881122 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:004978/0604 Owner: CORBIN PACIFIC, A CORP. OF CA., CALIFORNIA PartyType: owner
US4953911 A	19900710	LSGT	PAT1	Patented Case	
US4953911 A	19900710	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US4953911 A	19900904	LSGT	+	granted / extensions (spc, cpc, pte)	
US4953911 A	19940304	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US4953911 A	19980223	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US4953911 A	19991101	LSAS	AS	ASSIGNMENT	PartyType: owner Effective date: 19980702 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:010340/0575 Owner: WELLS FARGO BANK, CALIFORNIA
US4953911 A	20020212	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US4953911 A	20081123	PEXP		Calculated Patent Term Expiry	
US4953911 A	20090422	LSAS	AS	ASSIGNMENT	OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:WELLS FARGO BANK,

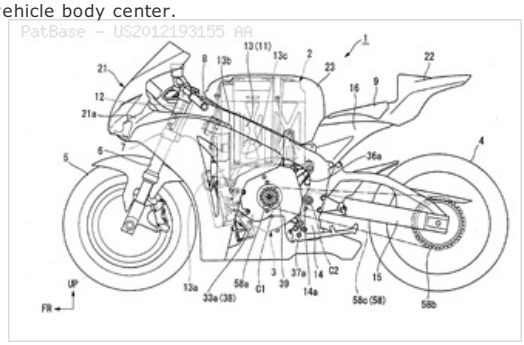
					NATIONAL ASSOCIATION;REEL/FRAME:022575/0602 PartyType: owner Effective date: 20090224 Owner: CORBIN PACIFIC, INC., CALIFORNIA
US4953911 A	20090423	LSAS	AS	ASSIGNMENT	OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133 Effective date: 20090315 PartyType: owner Owner: COMERICA BANK, CALIFORNIA
US4953911 A	20121203	LSAS	AS	ASSIGNMENT	Effective date: 20121128 Owner: CORBIN PACIFIC, INC., CALIFORNIA OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 PartyType: owner

51) Family number: 51605819 (US2012193155 AA)

Title: SPORTS TYPE, **SADDLE** TYPE ELECTRIC VEHICLE

Abstract: A drive wheel is intermediation driven by an additional element, while achieving a reduction in cost by making use of a plurality of existing motors. A drive motor as a drive source includes a plurality of motor bodies arranged coaxially with and adjacently to each other in the vehicle width direction to permit integral driving thereof, and is disposed forwardly of a pivot for a swing arm supporting the driving wheel. One end in the vehicle width direction of a drive shaft of the drive motor is made to be an output end for output to the driving wheel, and a drive sprocket for power transmission to the driving wheel is provided at the output end. The center of the drive motor in the vehicle width direction is disposed with an offset to the side opposite to the side of the drive sprocket with reference to the vehicle body center.

Classifications:
International (IPC 8-9): B60K1/02 B60K1/04 B60K6/26 B62D61/02 B62J11/00 B62J9/00 B62K11/04 B62M7/00 B62M7/02 B62M7/06 B62M9/00
CPC: B62J43/00 B62K11/04 B62K2204/00 B62M7/06
US: 180/220 180/65.1 180/65.100P



Family:

Publication number	Publication date	Application number	Application date
AU2011265378 AA	20120816	AU20110265378	20111220
AU2011265378 AH	20140306	AU20110265378	20111220
AU2011265378 BB	20131114	AU20110265378	20111220
AU2011265378 BH	20140306	AU20110265378	20111220
CN102627065 A	20120808	CN201210014744	20120117
CN102627065 B	20141203	CN201210014744	20120117
DE602012006945 D1	20150611	DE201260006945T	20120126
EP2484581 A1	20120808	EP20120152575	20120126
EP2484581 B1	20150429	EP20120152575	20120126
ES2543580 T3	20150820	ES20120152575T	20120126
JP2012158292 A2	20120823	JP20110020677	20110202
JP5715430 B2	20150507	JP20110020677	20110202
US2012193155 AA	20120802	US20120364419	20120202
US8485300 BB	20130716	US20120364419	20120202

Priority:
JP20110020677 20110202 EP20120152575 20120126

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): FUNAYOSE YUSUKE ; HASEGAWA MAKOTO ; HONDA MOTOR CO LTD ; TAKAMURA TOSHIAKI ; TANIGUCHI YOICHI ; YONEHANA ATSUSHI ; YOSHINAGA MASAO

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): ATSUSHI YONEHANA ; FUNAYORI YUSUKE ; FUNAYOSE YUSUKE ; HASEGAWA MAKOTO ; KOMEHANA ATSUSHI ; MAKOTO HASEGAWA ; MASAO YOSHINAGA ; TAKAMURA TOSHIAKI ; TANIGUCHI YOICHI ; TOSHIAKI TAKAMURA ; YOICHI TANIGUCHI ; YONEHANA ATSUSHI ; YOSHINAGA MAO ; YOSHINAGA MASAO ; YUSUKE FUNAYOSE

Inventor(s): FUNAYOSE YUSUKE SAITAMA ; HASEGAWA MAKOTO SAITAMA ; TAKAMURA TOSHIAKI SAITAMA ; TANIGUCHI YOICHI SAITAMA ; YONEHANA ATSUSHI SAITAMA ; YOSHINAGA MASAO SAITAMA

Agent(s): BIRCH STEWART KOLASCH AND BIRCH LLP; LINAGE RAFAEL; QUINTERNO GIUSEPPE; SPRUSON AND FERGUSON; STOFFREGEN HANS HERBERT DIPL PHYS DRRERNAT

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AU2011265378 AA	20120816	LSPB	+	published / reissued	
AU2011265378 AH	20140306		TH	CORRIGENDA	Text: IN VOL 26 , NO 31 , PAGE(S) 4122 UNDER THE HEADING APPLICATIONS OPI - NAME INDEX UNDER THE NAME HONDA MOTOR CO., LTD. APPLICATION NO. 2011265378, UNDER INID (72) CORRECT THE CO-INVENTOR TO FUNAYOSE, YUSUKE
AU2011265378 AH	20140306		TH	CORRIGENDA	Text: IN VOL 27 , NO 44 , PAGE(S) 6393 UNDER THE HEADING APPLICATIONS ACCEPTED - NAME INDEX UNDER THE NAME HONDA MOTOR CO., LTD. APPLICATION NO. 2011265378, UNDER INID (72) CORRECT THE CO-INVENTOR TO FUNAYOSE, YUSUKE

AU2011265378 AH	20140313	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2011265378 AH	20200716	LSLE	-MK14	PATENT CEASED SECTION 143(A) (ANNUAL FEES NOT PAID) OR EXPIRED	
AU2011265378 BB	20131114	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2011265378 BB	20311220	PEXP		Calculated Patent Term Expiry	
CN102627065 A	20120808	LSPB	+	published / reissued	
CN102627065 A	20120808	LSPB	+C06	PUBLICATION	
CN102627065 A	20121003		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102627065 B	20141203	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102627065 B	20141203	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102627065 B	20320117	PEXP		Calculated Patent Term Expiry	
DE602012006945 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
EP2484581 A1	20120808	LSPB	+	published / reissued	
EP2484581 A1	20120808		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2484581 A1	20120808		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2484581 A1	20130313	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20130205
EP2484581 A1	20141210	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20141113
EP2484581 A1	20160229	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20151214 Year of fee payment: 5 Country of Ref document: ES
EP2484581 A1	20160229	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20151208 Year of fee payment: 5 Country of Ref document: FR
EP2484581 A1	20160429	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160119 Year of fee payment: 5 Country of Ref document: DE
EP2484581 A1	20160429	LSFE	+PGFP	ANNUAL FEE	Payment date: 20160127

				PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Country of Ref document: IT
EP2484581 A1	20160531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160120 Year of fee payment: 5 Country of Ref document: GB
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EP2484581 B1	20150429		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2484581 B1	20150429	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2484581 B1	20150430	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2484581 B1	20150515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150515 Kind code of Ref document: T Ref country code: AT Ref document number: 724274 Ref legal event code: REF Country of Ref document: AT
EP2484581 B1	20150520	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2484581 B1	20150611	LSPB	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150611 Ref country code: DE Ref document number: 602012006945 Ref legal event code: R096 Country of Ref document: DE
EP2484581 B1	20150820	LSGT	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150820 Kind code of Ref document: T3 Ref country code: ES Ref document number: 2543580 Ref legal event code: FG2A Country of Ref document: ES
EP2484581 B1	20150909	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150429 Ref country code: NL Ref legal event code: VDEP
EP2484581 B1	20150915	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20150429 Kind code of Ref document: T Ref country code: AT Ref document number: 724274 Ref legal event code: MK05 Country of Ref document: AT
EP2484581 B1	20150925	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2484581 B1	20150930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP2484581 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150831 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2484581 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2484581 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150729 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2484581 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2484581 B1	20151030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2484581 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2484581 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150730 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2484581 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2484581 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2484581 B1	20151130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150829 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP2484581 B1	20151208	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 5

					Country of Ref document: FR
EP2484581 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2484581 B1	20160129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2484581 B1	20160201	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602012006945 Ref legal event code: R097 Country of Ref document: DE
EP2484581 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2484581 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2484581 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP2484581 B1	20160229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: RO
EP2484581 B1	20160406	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20160201
EP2484581 B1	20160531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP2484581 B1	20160531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2484581 B1	20160831	LSLE	-PG25	LAPSED IN A	Lapsed date: 20150429

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP2484581 B1	20160831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160126 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LU
EP2484581 B1	20160831	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2484581 B1	20160930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2484581 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2484581 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2484581 B1	20161102	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2484581 B1	20161215	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 6 Country of Ref document: FR
EP2484581 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160126 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2484581 B1	20170228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20161214 Year of fee payment: 6 Country of Ref document: ES
EP2484581 B1	20170228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Payment date: 20161215 Year of fee payment: 6 Country of Ref document: FR

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EP2484581 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170117 Year of fee payment: 6 Country of Ref document: DE
EP2484581 B1	20170531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170125 Year of fee payment: 6 Country of Ref document: GB
EP2484581 B1	20170630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP2484581 B1	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170123 Year of fee payment: 6 Country of Ref document: IT
EP2484581 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MT
EP2484581 B1	20171211	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 7
EP2484581 B1	20180131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20171211 Year of fee payment: 7 Country of Ref document: FR
EP2484581 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180117 Year of fee payment: 7 Country of Ref document: DE
EP2484581 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180201 Year of fee payment: 7 Country of Ref document: ES

EP2484581 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180124 Year of fee payment: 7 Country of Ref document: GB
EP2484581 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2484581 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20120126 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Country of Ref document: HU
EP2484581 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2484581 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180122 Year of fee payment: 7 Country of Ref document: IT
EP2484581 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2484581 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP2484581 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160131 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MT
EP2484581 B1	20180731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG

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EP2484581 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20150429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2484581 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181213 Year of fee payment: 8 Country of Ref document: FR
EP2484581 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190121 Year of fee payment: 8 Country of Ref document: IT
EP2484581 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190123 Year of fee payment: 8 Country of Ref document: GB
EP2484581 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190201 Year of fee payment: 8 Country of Ref document: ES
EP2484581 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190115 Year of fee payment: 8 Country of Ref document: DE
EP2484581 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602012006945 Ref legal event code: R084 Country of Ref document: DE
EP2484581 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200114 Year of fee payment: 9 Country of Ref document: DE
EP2484581 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Payment date: 20200114 Year of fee payment: 9 Country of Ref document: IT

				EPO]	
EP2484581 B1	20200923	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20200126 Ref country code: EP
EP2484581 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200126 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2484581 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2484581 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210112 Year of fee payment: 10 Country of Ref document: DE
EP2484581 B1	20210607	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20210607 Ref country code: ES Ref legal event code: FD2A
EP2484581 B1	20320126	PEXP		Calculated Patent Term Expiry	
ES2543580 T3	20150820	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2543580 T3	20210607	LSLE	-FD2A	ANNOUNCEMENT OF LAPSE IN SPAIN	Effective date: 20210607 Lapsed date: 20210607
ES2543580 T3	20320126	PEXP		Calculated Patent Term Expiry	
JP2012158292 A2	20120823	LSPB	+	published / reissued	
JP2012158292 A2	20140125	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20140124 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012158292 A2	20141211		A977	REPORT ON RETRIEVAL	Effective date: 20141211 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2012158292 A2	20141217	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20141216 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012158292 A2	20150210	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20150210 Text: JAPANESE INTERMEDIATE CODE: A523
JP2012158292 A2	20150225	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012158292 A2	20150304	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20150303 Text: JAPANESE INTERMEDIATE CODE: A01
JP2012158292 A2	20150319	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20150313 Text: JAPANESE INTERMEDIATE CODE: A61
JP2012158292 A2	20150320	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION	Ref document number: 5715430 Text: JAPANESE INTERMEDIATE CODE: R150

				OF UTILITY MODEL	Country of Ref document: JP
JP5715430 B2	20150305	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5715430 B2	20150305	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20150303
JP5715430 B2	20150317	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5715430 B2	20150317	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20150313 Text: 51500530159
JP5715430 B2	20150320	LSGT	+R150	特許証 (Patent certificate)	
JP5715430 B2	20150320	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150331
JP5715430 B2	20150507	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5715430 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5715430 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20171030 Text: 51702284602
JP5715430 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5715430 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5715430 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5715430 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20181026 Text: 51802211954
JP5715430 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5715430 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5715430 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5715430 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206 Text: 51902564131
JP5715430 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5715430 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5715430 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5715430 B2	20310202	PEXP		Calculated Patent Term Expiry	
US2012193155 AA	20120802	LSPB	+	published / reissued	
US2012193155 AA	20130626	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US8485300 BB	20120302	LSAS	AS	ASSIGNMENT	Effective date: 20120227 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:HASEGAWA, MAKOTO;TAKAMURA, TOSHIAKI;YONEHANA, ATSUSHI;AND OTHERS;REEL/FRAME:027794/0938
US8485300 BB	20130626	LSGT	PAT1	Patented Case	
US8485300 BB	20130716	LSGT	+	granted / extensions	

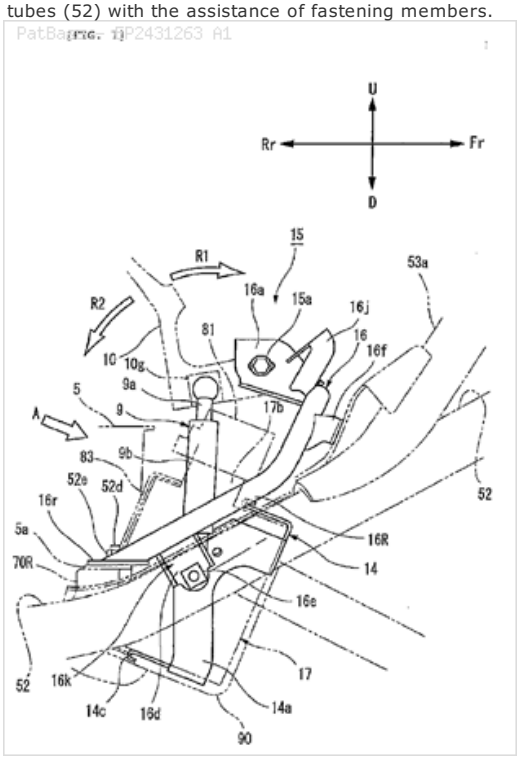
				(spc, cpc, pte)	
US8485300 BB	20170105	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US8485300 BB	20201002	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 8
US8485300 BB	20320202	PEXP		Calculated Patent Term Expiry	

52) Family number: 50792001 (EP2431263 A1)

Title: **SADDLE** RIDE-TYPE VEHICLE

Abstract: A **saddle** ride-type vehicle in which: a hinge attachment frame (16) included in a hinge **mechanism** (15) has a rotary pivot portion (15a) for turnably supporting a **seat**, and is configured to hold a damper member (9) between a damper holding portion (16k) and a **seat** -side damper attachment portion (10g) of a **seat** -side hinge member (10); and the hinge attachment frame (16) is attachably and detachably provided to main tubes (52) with the assistance of fastening members.

Classifications:
International (IPC 8-9): B60K1/04 B62J1/04 B62J1/12 B62J9/00 B62K11/00 B62K11/04 B62K19/46
CPC: B62J1/12 B62K11/04 B62K19/46 B62K2202/00



Family:

Publication number	Publication date	Application number	Application date
CN102407905 A	20120411	CN201110270859	20110914
CN102407905 B	20140212	CN201110270859	20110914
DE602011000494 D1	20130117	DE201160000494T	20110915
EP2431263 A1	20120321	EP20110181356	20110915
EP2431263 B1	20121121	EP20110181356	20110915
ES2396316 T3	20130220	ES20110181356T	20110915
JP2012062029 A2	20120329	JP20100210093	20100917
JP5578999 B2	20140827	JP20100210093	20100917
TH120175 A	20130128	TH20111001666	20110823
TH51984 B	20161019	TH20111001666	20110823

Priority:

JP20100210093 20100917 EP20110181356 20110915

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): HAGIMOTO MASASHI ; HIDEKUNI KAWASAKI ; KAWASAKI HIDEKUNI ; MASASHI HAGIMOTO

Inventor(s): HAGIMOTO MASASHI C O HONDA R AND D CO LTD ; HAGIMOTO MASASHIC O HONDA R AND D CO LTD SAITAMA ; KAWASAKI HIDEKUNI C O HONDA R AND D CO LTD ; KAWASAKI HIDEKUNIC O HONDA R AND D CO LTD SAITAMA

Agent(s): BEDER JENS; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; UNGRIA JAVIER

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102407905 A	20120411	LSPB	+	published / reissued	
CN102407905 A	20120411	LSPB	+C06	PUBLICATION	
CN102407905 A	20120523		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102407905 B	20140212	LSGT	+	granted / extensions (spc, cpc, pte)	

CN102407905 B	20140212	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102407905 B	20310914	PEXP		Calculated Patent Term Expiry	
DE602011000494 D1	20200401	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
EP2431263 A1	20120321	LSPB	+	published / reissued	
EP2431263 A1	20120321	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20110915
EP2431263 A1	20120321		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2431263 A1	20120321		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2431263 A1	20121017		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: KAWASAKI, HIDEKUNI C/O HONDA R&D CO., LTD. PartyType: inventor
EP2431263 A1	20121017		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: HAGIMOTO, MASASHI C/O HONDA R&D CO., LTD. PartyType: inventor
EP2431263 A1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: HR
EP2431263 A1	20130628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130321 Country of Ref document: PT
EP2431263 A1	20151030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20150810 Year of fee payment: 5 Country of Ref document: ES
EP2431263 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160914 Year of fee payment: 6 Country of Ref document: GB
EP2431263 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20160921 Country of Ref document: IT
EP2431263 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160907 Year of fee payment: 6 Country of Ref document: DE
EP2431263 A1	20161130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160816 Year of fee payment: 6 Country of Ref document: FR
EP2431263 B1	20121121	LSGT	+	granted /	

				extensions (spc, cpc, pte)	
EP2431263 B1	20121121		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2431263 B1	20121121	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2431263 B1	20121130	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2431263 B1	20121215	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 584916 Ref legal event code: REF Kind code of Ref document: T Ref country code: AT Effective date: 20121215 Country of Ref document: AT
EP2431263 B1	20121219	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2431263 B1	20130117	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R096 Effective date: 20130117 Ref document number: 602011000494 Country of Ref document: DE
EP2431263 B1	20130220	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 2396316 Effective date: 20130220 Ref legal event code: FG2A Ref country code: ES Kind code of Ref document: T3 Country of Ref document: ES
EP2431263 B1	20130410	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: VDEP Effective date: 20121121 Ref country code: NL
EP2431263 B1	20130415	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref country code: AT Effective date: 20121121 Ref legal event code: MK05 Ref document number: 584916 Country of Ref document: AT
EP2431263 B1	20130425	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2431263 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2431263 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130221 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2431263 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: LT
EP2431263 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: SE
EP2431263 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: FI
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				OFFICE TO EPO]	Lapsed date: 20121121 Country of Ref document: PL
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130321 Country of Ref document: PT
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: BE
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: LV
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: SI
EP2431263 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130222 Country of Ref document: GR
EP2431263 B1	20130628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130221 Country of Ref document: BG
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: DK
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2431263 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				OFFICE TO EPO]	Lapsed date: 20121121 Country of Ref document: RS
EP2431263 B1	20130830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP2431263 B1	20130830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: NL
EP2431263 B1	20131030	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20130822
EP2431263 B1	20131219	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Effective date: 20130822 Ref document number: 602011000494 Ref country code: DE Country of Ref document: DE
EP2431263 B1	20140430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2431263 B1	20140702	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2431263 B1	20140731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130915 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2431263 B1	20150430	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP2431263 B1	20150529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: SM
EP2431263 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2431263 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MT
EP2431263 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: TR
EP2431263 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130915 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP2431263 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20140930 Country of Ref document: CH
EP2431263 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING	Lapsed date: 20121121 NotificationOfLapse: LAPSE

				STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2431263 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20140930 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2431263 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20110915 Country of Ref document: HU
EP2431263 B1	20160630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121 Country of Ref document: IS
EP2431263 B1	20160816	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 6 Ref legal event code: PLFP Country of Ref document: FR
EP2431263 B1	20161230	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20160811 Country of Ref document: ES
EP2431263 B1	20170810	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Ref country code: FR Year of fee payment: 7
EP2431263 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170912 Year of fee payment: 7 Country of Ref document: DE
EP2431263 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170810 Year of fee payment: 7 Country of Ref document: FR
EP2431263 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170925 Year of fee payment: 7 Country of Ref document: IT
EP2431263 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170913 Year of fee payment: 7 Country of Ref document: GB
EP2431263 B1	20180228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20171002 Country of Ref document: ES
EP2431263 B1	20180813	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 8 Ref legal event code: PLFP Ref country code: FR
EP2431263 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121121

					Country of Ref document: AL
EP2431263 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180919 Year of fee payment: 8 Country of Ref document: IT
EP2431263 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20180813 Country of Ref document: FR
EP2431263 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180904 Year of fee payment: 8 Country of Ref document: DE
EP2431263 B1	20181130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180912 Year of fee payment: 8 Country of Ref document: GB
EP2431263 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181001 Year of fee payment: 8 Country of Ref document: ES
EP2431263 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190917 Year of fee payment: 9 Country of Ref document: IT
EP2431263 B1	20200401	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R119 Ref document number: 602011000494 Ref country code: DE Country of Ref document: DE
EP2431263 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200401 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP2431263 B1	20200902	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20190915
EP2431263 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190915 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2431263 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190930 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2431263 B1	20210128	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: ES Effective date: 20210128 Ref legal event code: FD2A
EP2431263 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190916 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: ES
EP2431263 B1	20310915	PEXP		Calculated Patent Term Expiry	
ES2396316 T3	20130220	LSGT	+	granted / extensions (spc,	

				cpc, pte)	
ES2396316 T3	20210128	LSLE	-FD2A	ANNOUNCEMENT OF LAPSE IN SPAIN	Lapsed date: 20210128 Effective date: 20210128
ES2396316 T3	20310915	PEXP		Calculated Patent Term Expiry	
JP2012062029 A2	20120329	LSPB	+	published / reissued	
JP2012062029 A2	20121128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20121127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012062029 A2	20131213		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20131212
JP2012062029 A2	20140115	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140114 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012062029 A2	20140312	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20140311
JP2012062029 A2	20140602	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012062029 A2	20140611	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20140610
JP2012062029 A2	20140717	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20140708
JP2012062029 A2	20140718	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5578999 Country of Ref document: JP
JP5578999 B2	20140612	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5578999 B2	20140612	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20140610
JP5578999 B2	20140715	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5578999 B2	20140715	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51401416742 Effective date: 20140708
JP5578999 B2	20140718	LSGT	+R150	特許証 (Patent certificate)	
JP5578999 B2	20140718	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20140729
JP5578999 B2	20140827	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5578999 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5578999 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20170426 Text: 51700916159
JP5578999 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5578999 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170516
JP5578999 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5578999 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51800877424 Effective date: 20180425
JP5578999 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5578999 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180515
JP5578999 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5578999 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190603 Text: 51901167635
JP5578999 B2	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250

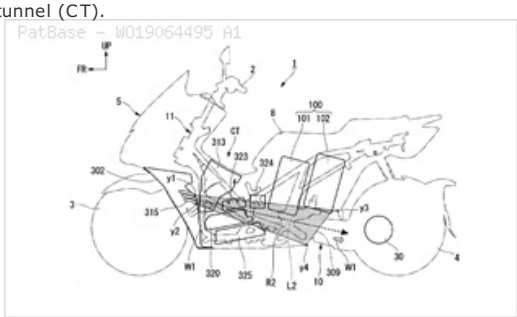
JP5578999 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5578999 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP5578999 B2	20200601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200529 Text: 52001104487
JP5578999 B2	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP5578999 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210531 Text: 52101163709
JP5578999 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP5578999 B2	20300917	PEXP		Calculated Patent Term Expiry	
TH120175 A	20130128	LSPB	+	published / reissued	
TH51984 B	20161019	LSGT	+	granted / extensions (spc, cpc, pte)	
TH51984 B	20310823	PEXP		Calculated Patent Term Expiry	

53) Family number: 73838523 (WO19064495 A1)

Title: **SADDLE** TYPE ELECTRIC VEHICLE

Abstract: Provided is a **saddle** type electric vehicle (1, 1A, 1B) comprising: an electric motor (30) for vehicle traveling; a battery (100) that supplies electric power to the electric motor (30); a power control unit (320) that controls the electric motor (30); a step floor (9) on which a rider is to place his/her feet; and a center tunnel (CT) extending in the longitudinal direction of the vehicle at the left-right direction central portion of the step floor (9), wherein the power control unit (320) is disposed inside the center tunnel (CT), and a wind guide portion (315) that guides, into the center tunnel (CT), the wind generated when the vehicle travels is provided in front of the center tunnel (CT).

Classifications:
International (IPC 8-9): B62J11/00 B62J25/00 B62J41/00 B62J43/16 B62J43/20 B62J50/30 B62J7/00 B62J9/00 B62J99/00 B62K11/00
CPC: B62J43/16 B62J43/20



Family:

Publication number	Publication date	Application number	Application date
CN111263721 A	20200609	CN201780095206	20170929
IN202047010787 A	20200320	IN202047010787	20200313
JP2019064495 A1	20200402	JP20190544100T	20170929
JP6825122 B1	20210203	JP20190544100T	20170929
WO19064495 A1	20190404	WO2017JP35488	20170929

Priority:
WO2017JP35488 20170929

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KOBAYASHI YOSHITAKA ; KURAMOCHI AKIRA ; OKUBO KATSUYUKI ; SHIMAMURA TOSHIFUMI ; TSUJI KAZUO
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN111263721 A	20200609	LSPB	+	published / reissued	
CN111263721 A	20200609	LSPB	PB01	PUBLICATION	
CN111263721 A	20200609	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111263721 A	20200703		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111263721 A	20200703		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
IN202047010787 A	20200320	LSPB	+	published / reissued	
JP2019064495 A1	20191203		A5211	特許協力条約第34条補正の写し提出書 (Submission of Copy of Amendment under Article 34 of the Patent)	Effective date: 20191203
JP2019064495 A1	20191203	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191203
JP2019064495 A1	20191203		A632	国内書面 (National Entry Form)	Effective date: 20191203
JP2019064495 A1	20200225		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200225
JP2019064495 A1	20200402	LSPB	+	published / reissued	
JP2019064495 A1	20201222	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064495 A1	20210105	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210105 Text:

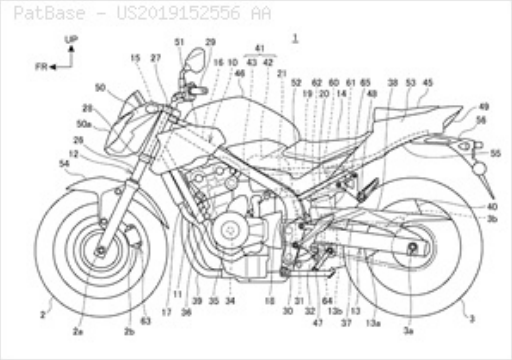
					JAPANESE INTERMEDIATE CODE: A01
JP2019064495 A1	20210105	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210105
JP2019064495 A1	20210115	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210113 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019064495 A1	20210115	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210113
JP2019064495 A1	20210115	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6825122 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6825122 B1	20210203	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6825122 B1	20370929	PEXP		Calculated Patent Term Expiry	
WO19064495 A1	20190404	LSPB	+	published / reissued	
WO19064495 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17926504 Country of Ref document: EP
WO19064495 A1	20191031		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19064495 A1	20191203	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019544100 Kind code of Ref document: A Country of Ref document: JP
WO19064495 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064495 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 17926504 Country of Ref document: EP

54) Family number: 74434480 (US2019152556 AA)

Title: **SADDLE** RIDING VEHICLE

Abstract: A **saddle** riding vehicle includes: a pair of left and right **seat** rails disposed below a **seat** for a passenger; a battery disposed below the **seat**; and a regulator connected to the battery. In the **saddle** riding vehicle, when viewed from above, the battery and the regulator are arranged in a longitudinally aligned state between the left and right **seat** rails, the regulator and the battery are disposed such that the regulator is disposed below an upper surface of the battery in order to form a stepped portion, and an intake duct of an intake device is disposed in a space formed above the regulator by the stepped portion.

Classifications:
International (IPC 8-9): A24C5/47 B62J1/08 B62J11/00 B62J15/00 B62J43/00 B62J9/00 B62J99/00 B62K11/04 B62K19/30 B62K25/20 B62K25/28 B62L3/02 B62M7/04 F02M35/10 F02M35/16
International (IPC 1-7): B62K11/04 B62M7/04
CPC: B62J1/08 B62J43/00 B62K11/04 B62K19/30 B62K25/20 B62L3/023 B62M7/04 F02M35/10 F02M35/162
US: 1/1



Family:

Publication number	Publication date	Application number	Application date
BR102018072474 A2	20191001	BR20181072474	20181031
DE602018004201 D1	20200520	DE201860004201T	20181112
EP3486155 A1	20190522	EP20180205599	20181112
EP3486155 B1	20200429	EP20180205599	20181112
IN201844042368 A	20190906	IN201844042368	20181112
JP2019093837 A2	20190620	JP20170223595	20171121
JP6630335 B2	20200115	JP20170223595	20171121
US10843762 BB	20201124	US20180185473	20181109
US2019152556 AA	20190523	US20180185473	20181109

Priority:
JP20170223595 20171121 EP20180205599 20181112

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): CHIAKI YAMAMOTO ; HARAGUCHI HIDEAKI ; HIDEAKI HARAGUCHI ; KUROGI NOBUYUKI ; KUROKI NOBUYUKI ; MIYAGAWA SHINOBU ; NOBUYUKI KUROGI ; SHINOBU MIYAGAWA ; YAMAMOTO CHIAKI
Inventor(s): HARAGUCHI HIDEAKI WAKO SHI ; KUROGI NOBUYUKI WAKO SHI ; MIYAGAWA SHINOBU WAKO SHI ; YAMAMOTO CHIAKI WAKO SHI
Agent(s): RANKIN HILL AND CLARK LLP; WEICKMANN AND WEICKMANN PARTMBB; WEICKMANN AND WEICKMANN PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
BR102018072474 A2	20191001	LSPB	+	published / reissued	
BR102018072474 A2	20191001	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
DE602018004201 D1	20200520	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP3486155 A1	20190419		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012

EP3486155 A1	20190419		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3486155 A1	20190522	LSPB	+	published / reissued	
EP3486155 A1	20190522	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20181112
EP3486155 A1	20190522		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3486155 A1	20190522		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3486155 A1	20190522		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3486155 A1	20191129		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3486155 A1	20191129		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3486155 A1	20191225	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191128
EP3486155 A1	20200314	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3486155 A1	20200327	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3486155 A1	20200327		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3486155 B1	20200429	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3486155 B1	20200429		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3486155 B1	20200429	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3486155 B1	20200430	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP3486155 B1	20200515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref legal event code: REF Effective date: 20200515 Ref document number: 1262912 Kind code of Ref document: T Country of Ref document: AT
EP3486155 B1	20200520	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R096 Ref document number: 602018004201 Ref country code: DE Country of Ref document: DE
EP3486155 B1	20200527	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP3486155 B1	20201007		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Effective date: 20200429 Ref legal event code: MP
EP3486155 B1	20201012	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200729 Country of Ref document: NO
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING	Lapsed date: 20200429 NotificationOfLapse: LAPSE

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EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200831 Country of Ref document: PT
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200829 Country of Ref document: IS
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: SE
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200730 Country of Ref document: GR
EP3486155 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: LT
EP3486155 B1	20201115	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref document number: 1262912 Effective date: 20200429 Ref country code: AT Ref legal event code: MK05 Country of Ref document: AT
EP3486155 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP3486155 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: RS
EP3486155 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200729 Country of Ref document: BG
EP3486155 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: LV
EP3486155 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: NL
EP3486155 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE

				INFORMATION FROM NATIONAL OFFICE TO EPO]	WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: ES
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IT
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: SM
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: CZ
EP3486155 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: RO
EP3486155 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 3 Payment date: 20201015 Country of Ref document: DE
EP3486155 B1	20210201	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602018004201 Ref country code: DE Country of Ref document: DE
EP3486155 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: PL
EP3486155 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: SK

EP3486155 B1	20210305		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3486155 B1	20210407	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20210201
EP3486155 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200429 Country of Ref document: SI
EP3486155 B1	20210630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200429 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP3486155 B1	20381112	PEXP		Calculated Patent Term Expiry	
IN201844042368 A	20190906	LSPB	+	published / reissued	
JP2019093837 A2	20190620	LSPB	+	published / reissued	
JP2019093837 A2	20190808		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20190808
JP2019093837 A2	20190808		A977	REPORT ON RETRIEVAL	Effective date: 20190808 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2019093837 A2	20190820	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20190820
JP2019093837 A2	20190820	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20190820
JP2019093837 A2	20191017	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20191017
JP2019093837 A2	20191017		A523	手続補正書 (Written amendment)	Effective date: 20191017
JP2019093837 A2	20191017		A53	意見書 (Written opinion)	Effective date: 20191017
JP2019093837 A2	20191112	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019093837 A2	20191119	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20191119 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019093837 A2	20191119	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20191119
JP2019093837 A2	20191212	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20191206 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019093837 A2	20191212	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20191206
JP2019093837 A2	20191213	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6630335 Country of Ref document: JP
JP6630335 B2	20191121	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20191119
JP6630335 B2	20191210	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP6630335 B2	20191213	LSGT	+R150	特許証 (Patent	Effective date: 20191224

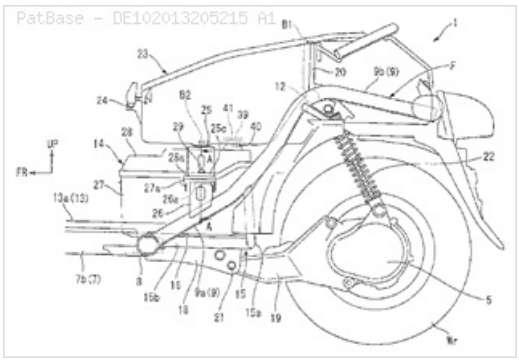
				certificate)	
JP6630335 B2	20200115	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6630335 B2	20371121	PEXP		Calculated Patent Term Expiry	
US10843762 BB	20181109	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10843762 BB	20181112	LSAS	AS	ASSIGNMENT	PartyType: owner Effective date: 20180924 Owner: HONDA MOTOR CO., LTD., JAPAN OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:YAMAMOTO, CHIAKI;HARAGUCHI, HIDEAKI;KUROGI, NOBUYUKI;AND OTHERS;REEL/FRAME:047478/0596
US10843762 BB	20190111		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US10843762 BB	20201124	LSGT	+	granted / extensions (spc, cpc, pte)	
US10843762 BB	20390702	PEXP		Calculated Patent Term Expiry (PTA 235 days)	
US2019152556 AA	20190111		RFE1	Docketed New Case - Ready for Examination	
US2019152556 AA	20190523	LSPB	+	published / reissued	
US2019152556 AA	20200827	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019152556 AA	20201020	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2019152556 AA	20201020		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2019152556 AA	20201104	LSGT	PAT1	Patented Case	
US2019152556 AA	20201104	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE

55) Family number: 54900120 (DE102013205215 A1)

Title: **SADDLE** DRIVING TYPE-ELECTRIC VEHICLE I.E. ELECTRICAL **MOTORCYCLE**, HAS **LOCKING** FLANGES ARRANGED BETWEEN PLATES AND FIXED FLANGE AND INTERMEDIATELY RECEIVED BY SLEEVE IN STATE, WHERE PLATES AND FIXED FLANGES ARE FIXED TOGETHER IN STATE

Abstract: The vehicle i.e. electrical **motorcycle** (1), has a battery box (14) arranged under a luggage box (23). A body frame (F) comprises frame elements (9). A luggage assembly support (25) is arranged between the luggage and battery boxes. A fixed flange (25c) projects from carrying mounting plates (26). **Locking** flanges (27a, 28a) are arranged between the mounting plates and the fixed flange and project from side pieces of the battery box. The mounting plates and the fixed flanges are fixed together in a state, where the **locking** flanges are intermediately received by a sleeve in the state. The sleeve is made of a high-rigid element.

Classifications:
International (IPC 8-9): B60K1/04 B62J11/00 B62J9/00 B62K11/00 B62M7/12 F16L
International (IPC 1-7): B62K11/00
CPC: B60K1/04 B60K2001/0422 B60K2007/0038 B60K2007/0092 B60K7/0007 B60Y2200/126 B62J43/16 B62J43/20 B62K11/10 B62K19/46 B62K2202/00 B62K2204/00



Family:

Publication number	Publication date	Application number	Application date
CN103359229 A	20131023	CN201310096249	20130325
CN103359229 B	20160330	CN201310096249	20130325
DE102013205215 A1	20131002	DE201310205215	20130325
DE102013205215 B4	20160218	DE201310205215	20130325
IN01280CH2013 A	20160603	IN2013CH01280	20130325
ITTO20130235 A1	20130930	IT2013TO00235	20130322
JP2013203282 A2	20131007	JP20120075507	20120329
JP5879173 B2	20160308	JP20120075507	20120329
TW201400346 A	20140101	TW20130110284	20130322
TWI529089 B	20160411	TW20130110284	20130322
VN19399 A1	20180725	VN20130000916	20130325

Priority:
JP20120075507 20120329

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): HIDEKI INAIZUMI ; INAIZUMI HIDEKI ; TAKATO WATANABE ; WATANABE TAKATO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN103359229 A	20131023	LSPB	+	published / reissued	
CN103359229 A	20131023	LSPB	+C06	PUBLICATION	
CN103359229 A	20131120		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN103359229 B	20160330	LSGT	+	granted / extensions (spc, cpc, pte)	
CN103359229 B	20160330	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN103359229 B	20330325	PEXP		Calculated Patent Term Expiry	
DE102013205215 A1	20130325	LSES	+R012	REQUEST FOR EXAMINATION VALIDLY FILED	
DE102013205215 A1	20130628		R079	AMENDMENT OF IPC MAIN CLASS	Text: PREVIOUS MAIN CLASS: B62K0011000000 ClassificationScheme: IPC ClassificationSymbol: B60K0001040000
DE102013205215 A1	20130730		R082	CHANGE OF REPRESENTATIVE	Representative: WEICKMANN & WEICKMANN, DE PartyType: representative

DE102013205215 A1	20130730		R082	CHANGE OF REPRESENTATIVE	PartyType: representative Representative: PATENTANWAELTE WEICKMANN & WEICKMANN, DE
DE102013205215 A1	20130730		R082	CHANGE OF REPRESENTATIVE	PartyType: representative Representative: WEICKMANN & WEICKMANN PATENTANWAELTE - RECHTSA, DE
DE102013205215 A1	20130730		R082	CHANGE OF REPRESENTATIVE	Representative: WEICKMANN & WEICKMANN PATENT- UND RECHTSANWAEL, DE PartyType: representative
DE102013205215 A1	20131002	LSPB	+	published / reissued	
DE102013205215 A1	20140117		+R163	IDENTIFIED PUBLICATIONS NOTIFIED	
DE102013205215 A1	20140227		+R163	IDENTIFIED PUBLICATIONS NOTIFIED	Effective date: 20140117
DE102013205215 A1	20140520	LSES	R016	RESPONSE TO EXAMINATION COMMUNICATION	
DE102013205215 A1	20151027	LSES	R016	RESPONSE TO EXAMINATION COMMUNICATION	
DE102013205215 A1	20151103	LSGT	+R018	GRANT DECISION BY EXAMINATION SECTION/EXAMINING DIVISION	
DE102013205215 A1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
DE102013205215 B4	20160218	LSGT	+	granted / extensions (spc, cpc, pte)	
DE102013205215 B4	20161119	LSGT	+R020	PATENT GRANT NOW FINAL	
DE102013205215 B4	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
DE102013205215 B4	20330325	PEXP		Calculated Patent Term Expiry	
IN01280CH2013 A	20160603	LSPB	+	published / reissued	
ITTO20130235 A1	20130930	LSPB	+	published / reissued	
JP2013203282 A2	20131007	LSPB	+	published / reissued	
JP2013203282 A2	20141128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2013203282 A2	20150709		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20150709
JP2013203282 A2	20150722	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150721 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013203282 A2	20150917	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20150917
JP2013203282 A2	20151221	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013203282 A2	20160106	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20160105
JP2013203282 A2	20160204	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160201 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013203282 A2	20160205	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5879173 Country of Ref

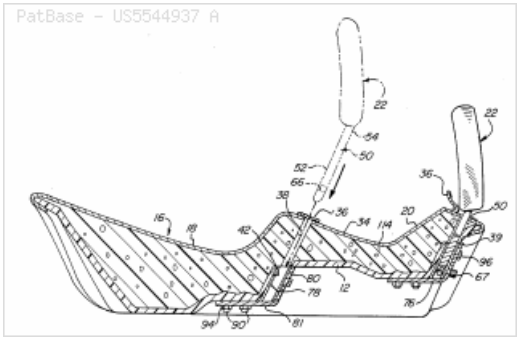
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JP5879173 B2	20160107	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5879173 B2	20160107	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160105
JP5879173 B2	20160202	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5879173 B2	20160202	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51600204351 Effective date: 20160201
JP5879173 B2	20160205	LSGT	+R150	特許証 (Patent certificate)	
JP5879173 B2	20160205	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160216
JP5879173 B2	20160308	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5879173 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5879173 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51802211954 Effective date: 20181026
JP5879173 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5879173 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5879173 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5879173 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51902564131 Effective date: 20191206
JP5879173 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5879173 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5879173 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5879173 B2	20320329	PEXP		Calculated Patent Term Expiry	
TW201400346 A	20140101	LSPB	+	published / reissued	
TWI529089 B	20160411	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI529089 B	20210111	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	
TWI529089 B	20330322	PEXP		Calculated Patent Term Expiry	
VN19399 A1	20180725	LSGT	+	granted / extensions (spc, cpc, pte)	

56) Family number: 12970134 (US5544937 A)

Title: **MOTORCYCLE** **SEAT** AND METHOD OF MAKING SAME

Abstract: A tandem **motorcycle** **seat** for attachment to the frame of an associated **motorcycle** has a unitary, rigid, elongated platform member configured to **seat** upon and be secured to the frame of the **motorcycle**, and an elongated tandem **saddle** on the platform member providing drive and passenger **seat** portions. A backrest for a person **seated** on one of the **seat** portions has a depending leg spaced inwardly from the side margins of the **saddle** which extends through a passage in the **saddle** into a receptacle on a bracket secured to the platform member. In making the **seat**, a first layer of a mixture of glass fibers and polyester resin is embedded on the lower element of a mold which is configured to form the platform member of the **seat**. Hardware is applied on the first layer and a second layer of glass fiber/resin is applied to the first layer and about the hardware so as to encapsulate at least a portion of the hardware in the layers which are then partially cured. A foamable synthetic resin is introduced into the lower element of the mold onto the partially cured second layer. The first and second layers and the foamable synthetic resin are concurrently cured to produce a chemical bond between the glass reinforced layers and foam layer and the composite **seat** body is removed from the mold and covered with a pliable outer layer of material.

Classifications:
International (IPC 8-9): B29C44/02 B29C44/12 B62J1/00 B62J1/28
International (IPC 1-7): B29C44/06 B29C44/12 B62J1/28
CPC: B29C44/12 B29C44/14 B62J1/28 Y10T29/481 Y10T29/4998
US: 264/161 264/258 264/271.1 264/46.4 264/46.6 264/46.7 264/464 264/466 264/467 29/527.1 29/91.1 29/911 297/195.12 297/215.12



Family:

Publication number	Publication date	Application number	Application date
US5544937 A	19960813	US19950377650	19950125
US5608957 A	19970311	US19960652811	19960523

Priority:
US19950377650 19950125 US19960652811 19960523

Probable Assignee: CORBIN PACIFIC INC
Assignee(s): (std): HANAGAN MICHAEL W
Assignee(s): COMERICA BANK ; CORBIN PACIFIC INC
Inventor(s): (std): HANAGAN MICHAEL W

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US5544937 A	19960802	LSGT	PAT1	Patented Case	
US5544937 A	19960802	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US5544937 A	19960813	LSGT	+	granted / extensions (spc, cpc, pte)	
US5544937 A	20000125	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US5544937 A	20021104	LSAS	AS	ASSIGNMENT	Effective date: 20021028 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:013456/0666 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner
US5544937 A	20031209	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US5544937 A	20080115	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US5544937 A	20090423	LSAS	AS	ASSIGNMENT	Effective date: 20090315 PartyType: owner Owner: COMERICA BANK, CALIFORNIA OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133
US5544937 A	20121203	LSAS	AS	ASSIGNMENT	Effective date: 20121128 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734
US5544937 A	20150125	PEXP		Calculated Patent Term Expiry	

US5608957 A	19970228	LSGT	PAT1	Patented Case	
US5608957 A	19970228	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US5608957 A	19970311	LSGT	+	granted / extensions (spc, cpc, pte)	
US5608957 A	20000816	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US5608957 A	20021104	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:013456/0666 PartyType: owner Effective date: 20021028 Owner: CORBIN PACIFIC, INC., CALIFORNIA
US5608957 A	20040831	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US5608957 A	20080818	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US5608957 A	20090423	LSAS	AS	ASSIGNMENT	Owner: COMERICA BANK, CALIFORNIA PartyType: owner Effective date: 20090315 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133
US5608957 A	20121203	LSAS	AS	ASSIGNMENT	OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 PartyType: owner Effective date: 20121128 Owner: CORBIN PACIFIC, INC., CALIFORNIA
US5608957 A	20150125	PEXP		Calculated Patent Term Expiry	

57) Family number: 85013701 (IN201941046508 A)

Title: NOVEL SYSTEM, METHOD AND DESIGN OF A **SADDLE** ELEVATION ADJUSTMENT DEVICE FOR A **MOTORCYCLE**

Abstract: The patent disclosure covers Novel System, Method and Design of a **Saddle** Elevation Adjustment Device for a **Motorcycle**. Due to fixed **saddle** frame, sports **motorcycle** riders have to compromise with the riding position and they might develop a back pain or other back injuries chronically. Riding position of leaning forward is of no use on the street roads with high traffic, which also complicates steering and other aspects. And most people cannot afford or are uninterested in another **motorcycle** which can be used in streets and in traffic. Most of the aerodynamics of the **motorcycle** is determined by the rider position. **Saddle** adjustment becomes a necessary and useful part of the **motorcycle** riding. The introduction of a **saddle** frame elevator can improve the adaptability, performance and the comfort of the rider. Thus also preserving the time, with the simple adjustment procedure and health of the rider by increased adaptability, present invention solves the problem of fixed **saddle**.

Classifications:
International (IPC 8-9): B62J1/08 B62J1/28 B62J27/00 B62J29/00 C08G18/75

Family:

Publication number	Publication date	Application number	Application date
IN201941046508 A	20210521	IN201941046508	20191115

Priority:
IN201941046508 20191115

Probable Assignee: KANAPATHY GOPALAKRISHNAN
Assignee(s): KANAPATHY GOPALAKRISHNAN
Inventor(s): MOUNESH NAGALINGAPPA RAMPUR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN201941046508 A	20210521	LSPB	+	published / reissued	

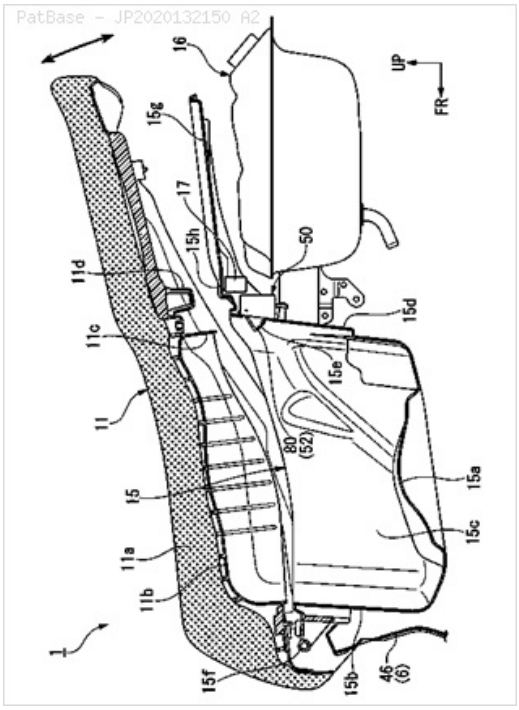
58) Family number: 80672946 (JP2020132150 A2)

Title: **SADDLE** -RIDING TYPE VEHICLE

Abstract: To provide a **saddle** -riding type vehicle comprising a storage part below a **seating** part, in which a switch gear for controlling lighting state of an illumination device for the storage part is down-sized, and error lighting of the illuminating device can be suppressed.SOLUTION: A **saddle** -riding type vehicle (1) comprises: a **seating** part (11) on which a crewman is **seated**; a storage part (15) which is located below the **seating** part (11), and an upper part of which is blocked by the **seating** part (11); an illuminating device for illuminating the storage part (15); and a switch gear (52) which has a knob (80) contacting the **seating** part (11), and controls lighting state of the illuminating device. The knob (80) is rotatably provided.SELECTED DRAWING: Figure 2

Classifications:

International (IPC 8-9): B60Q1/14 B60Q1/26 B62J1/12 B62J6/00 B62J6/02 B62J9/00 F21V29/74 F25D25/00



Family:

Publication number	Publication date	Application number	Application date
ID2020PID02921 A	20201014	ID2020P0001316	20200214
IN201911006348 A	20200821	IN201911006348	20190218
JP2020132150 A2	20200831	JP20200025593	20200218

Priority:

IN201911006348 20190218 JP20200025593 20200218

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD ; MINDA CORP LTD

Assignee(s): MINDA CORPORATION LTD ; MINDA IND LTD ; MINDA LTD CORP

Inventor(s): (std): ANUJ SOOD ; BALJEETSINGH JAWOOR ; HARA MASATOSHI ; HARSH RATHORE ; NAVNEET GOYAL ; RAVINDER MEHLA ; SHRIKANT HATAGALE ; SHWETAANK SHARMA

Inventor(s): GOYAL NAVNEET ; HATAGALE SHRIKANT ; JAWOOR BALJEETSINGH ; MASATOSHI HARA ; MEHLA RAVINDER ; RATHORE HARSH ; SHARMA SHWETAANK ; SOOD ANUJ

Agent(s): YENNY HALIM SE SH MH

Legal status (INPADOC)

View legal status timeline

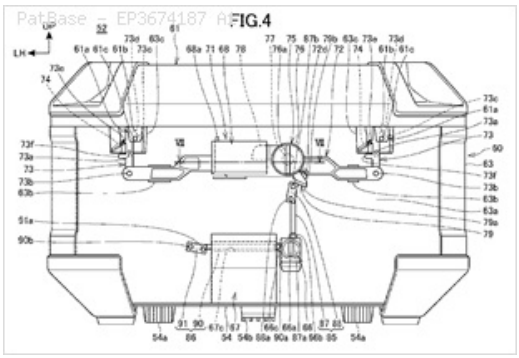
Patent	Date recorded	Event group	Code	Event	Details
ID2020PID02921 A	20201014	LSPB	+	published / reissued	
IN201911006348 A	20200821	LSPB	+	published / reissued	
JP2020132150 A2	20200302	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20200302
JP2020132150 A2	20200831	LSPB	+	published / reissued	

59) Family number: 79711536 (EP3674187 A1)

Title: STORAGE UNIT STRUCTURE FOR **SADDLE** RIDING VEHICLE

Abstract: [Object]To achieve, in a storage unit structure for a **saddle** riding vehicle, a simple structure for solely switching restriction on opening or closing of a lid for a storage member independently of switching a **locked** state of the storage member.[Solving Means]In a storage unit structure for a **saddle** riding vehicle including a box-shaped storage member 52 removably mounted on a vehicle body side and a key cylinder 66 that is disposed in the storage member 52 and that is rotationally operated, in which a **locked** state and an unlocked state of the storage member 52 with respect to the vehicle body side are switched through an operation of the key cylinder 66, the storage unit structure includes: a lid operator 68 that operates to open or close a lid 61 of the storage member 52; an operating knob 75 that imposes or releases restriction on opening or closing of the lid 61 by the lid operator 68; and a first link **mechanism** 85 that imposes or releases restriction on the operation of the operating knob 75. A state of restriction on the operating knob 75 by the first link **mechanism** 85 is switched in response to an operation of the key cylinder 66.

Classifications:
International (IPC 8-9): B60R25/20 B62H5/02 B62J1/12 B62J1/28 B62J17/00 B62J7/08 B62J9/00 B62J9/23 B62J9/24 B62J9/27 B62J9/30 B62K11/04 B62K19/46 E05B65/52
CPC: B62J1/28 B62J17/00 B62J7/08 B62J9/23 B62J9/24 B62J9/27 B62J9/30



Family:

Publication number	Publication date	Application number	Application date
EP3674187 A1	20200701	EP20190202700	20191011
IN201914050161 A	20200703	IN201914050161	20191205
JP2020104821 A2	20200709	JP20180248282	20181228
JP6816095 B2	20210120	JP20180248282	20181228
TH1901007838 A	20200824	TH20191007838	20191216

Priority:
JP20180248282 20181228

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KIKUCHI TAKEHIKO
Agent(s): WEICKMANN AND WEICKMANN PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3674187 A1	20200529		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3674187 A1	20200529		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3674187 A1	20200701	LSPB	+	published / reissued	
EP3674187 A1	20200701	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20191011
EP3674187 A1	20200701		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3674187 A1	20200701		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3674187 A1	20200701		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3674187 A1	20210304		+GRAP	DESPATCH OF COMMUNICATION OF	Text: ORIGINAL CODE: EPIDOSNIGR1

				INTENTION TO GRANT A PATENT	
EP3674187 A1	20210304		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/23 20200101ALI20210215BHEP
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/27 20200101ALI20210215BHEP
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 1/28 20060101ALI20210215BHEP ClassificationScheme: IPC
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 7/08 20060101ALI20210215BHEP
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 17/00 20200101ALI20210215BHEP
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/30 20200101AFI20210215BHEP
EP3674187 A1	20210324		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/24 20200101ALI20210215BHEP
EP3674187 A1	20210331	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20210305
EP3674187 A1	20210629	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3674187 A1	20210702	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3674187 A1	20210702		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
IN201914050161 A	20200703	LSPB	+	published / reissued	
JP2020104821 A2	20200709	LSPB	+	published / reissued	
JP2020104821 A2	20200929	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20200929 Text: JAPANESE INTERMEDIATE CODE: A131
JP2020104821 A2	20200929	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20200929
JP2020104821 A2	20201125	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20201125 Text: JAPANESE INTERMEDIATE CODE: A523
JP2020104821 A2	20201125		A523	手続補正書 (Written amendment)	Effective date: 20201125
JP2020104821 A2	20201125		A53	意見書 (Written opinion)	Effective date: 20201125
JP2020104821 A2	20201203	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2020104821 A2	20201215	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20201215 Text: JAPANESE INTERMEDIATE CODE: A01
JP2020104821 A2	20201215	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20201215
JP2020104821 A2	20201225	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20201223 Text: JAPANESE INTERMEDIATE CODE: A61
JP2020104821 A2	20201225	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20201223
JP2020104821 A2	20201225	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6816095 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6816095 B2	20210120	LSGT	+	granted / extensions (spc, cpc, pte)	

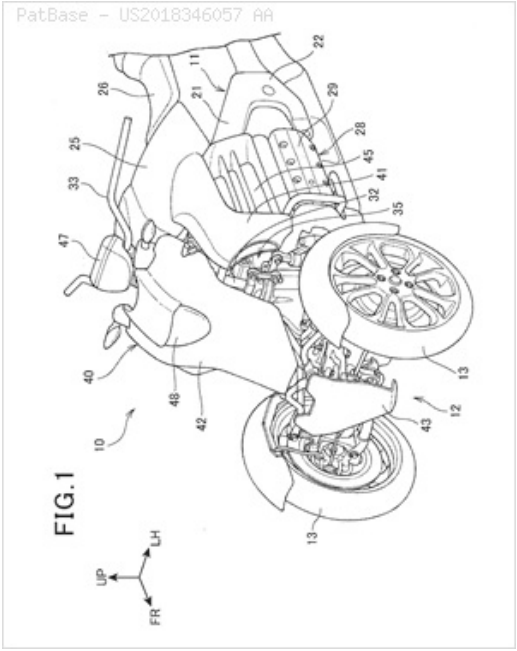
JP6816095 B2	20381228	PEXP		Calculated Patent Term Expiry
TH1901007838 A	20200824	LSPB	+	published / reissued

60) Family number: 72249988 (US2018346057 AA)

Title: SMALL-SIZED **SADDLE** RIDING VEHICLE, AND RIGIDITY ADJUSTMENT DEVICE OF BODY FRAME OF VEHICLE

Abstract: In a rocking vehicle, a front wheel suspension device suspends a front wheel in an upwardly displaceable manner due to a reaction force from a road surface. The rocking vehicle includes a cushion support arm, on a body frame side, including a cushion support portion of the front wheel suspension device, and a rigidity adjustment device which is extended between plural portions of the cushion support arm. The rigidity adjustment device applies a pre-tension to the cushion support arm, and the pre-tension generates a pre-force component in the cushion support portion in the same direction as the upward moving direction of the front wheel due to a reaction force of the front wheel from the road surface.

Classifications:
International (IPC 8-9): B60G11/52 B60G17/02 B60G99/00 B62K19/04 B62K19/18 B62K19/28 B62K25/04 B62K25/24 B62K5/00 B62K5/05 B62K5/10 F16F1/44 F16F15/04 F16F9/00 F16F9/30
CPC: B60G11/52 B60G17/02 B60G2202/143 B60G2204/4108 B60G2300/122 B60G2300/45 B60G99/004 B62K19/04 B62K19/18 B62K19/28 B62K2005/001 B62K2201/02 B62K25/04 B62K5/10 F16F1/44 F16F9/003 F16F9/30
US: 1/1 280/283



Family:

Publication number	Publication date	Application number	Application date
DE602018001551 D1	20191224	DE201860001551T	20180522
EP3409971 A1	20181205	EP20180173514	20180522
EP3409971 B1	20191211	EP20180173514	20180522
JP2018202948 A2	20181227	JP20170108553	20170531
JP6568895 B2	20190828	JP20170108553	20170531
US10981619 BB	20210420	US20180980867	20180516
US2018346057 AA	20181206	US20180980867	20180516

Priority:
JP20170108553 20170531 EP20180173514 20180522

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KUBO SATORU ; MUKAI KATSUMASA ; SAKAI KIYOTAKA ; SASAKI RYUJI ; TAKAHASHI HIROHISA ; YAMAGISHI KAZUKI ; YOSHINO HIROKI
Inventor(s): KUBO SATORU WAKO SHI ; MUKAI KATSUMASA WAKO SHI ; SAKAI KIYOTAKA WAKO SHI ; SASAKI RYUJI WAKO SHI ; TAKAHASHI HIROHISA WAKO SHI ; YAMAGISHI KAZUKI WAKO SHI ; YOSHINO HIROKI WAKO SHI
Agent(s): RANKIN HILL AND CLARK LLP; WEICKMANN AND WEICKMANN PARTMBB; WEICKMANN AND WEICKMANN PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3409971 A1	20181102		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3409971 A1	20181102		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE

				GRANTED EP PATENT	
EP3409971 A1	20181205	LSPB	+	published / reissued	
EP3409971 A1	20181205	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20180522
EP3409971 A1	20181205		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3409971 A1	20181205		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3409971 A1	20181205		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3409971 A1	20190711		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3409971 A1	20190711		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60G 17/02 20060101ALI20190614BHEP
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: F16F 1/44 20060101AFI20190614BHEP
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 5/10 20130101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/04 20060101ALI20190614BHEP
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 19/28 20060101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 5/00 20130101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: F16F 9/00 20060101ALI20190614BHEP
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 25/04 20060101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: F16F 9/30 20060101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 19/18 20060101ALI20190614BHEP ClassificationScheme: IPC
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60G 11/52 20060101ALI20190614BHEP
EP3409971 A1	20190724		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60G 99/00 20100101ALI20190614BHEP ClassificationScheme: IPC

EP3409971 A1	20190807	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190712
EP3409971 A1	20191101	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3409971 A1	20191108	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3409971 A1	20191108		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3409971 B1	20191211	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3409971 B1	20191211		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3409971 B1	20191211	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP3409971 B1	20191213	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP3409971 B1	20191215	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20191215 Ref country code: AT Ref legal event code: REF Kind code of Ref document: T Ref document number: 1212497 Country of Ref document: AT
EP3409971 B1	20191224	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602018001551 Ref legal event code: R096 Country of Ref document: DE
EP3409971 B1	20200108	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP3409971 B1	20200415		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20191211
EP3409971 B1	20200427	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200311 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: LT
EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200311 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO

EP3409971 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200312 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP3409971 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: HR
EP3409971 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP3409971 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: EE
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: ES
EP3409971 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3409971 B1	20200731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 3 Payment date: 20200415 Country of Ref document: DE
EP3409971 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: SM
EP3409971 B1	20200831	LSLE	-PG25	LAPSED IN A	NotificationOfLapse: LAPSE

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: SK
EP3409971 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200411 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3409971 B1	20200914	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602018001551 Ref country code: DE Ref legal event code: R097 Country of Ref document: DE
EP3409971 B1	20201015	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 1212497 Ref country code: AT Ref legal event code: MK05 Kind code of Ref document: T Effective date: 20191211 Country of Ref document: AT
EP3409971 B1	20201016		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3409971 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3409971 B1	20201118	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20200914
EP3409971 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: AT
EP3409971 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: SI
EP3409971 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IT
EP3409971 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: MC
EP3409971 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191211 Country of Ref document: PL
EP3409971 B1	20210319	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: BE Effective date: 20200531 Ref legal event code: MM
EP3409971 B1	20210331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200522 Country of Ref document: LU
EP3409971 B1	20210430	LSLE	-PG25	LAPSED IN A	Lapsed date: 20200522

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP3409971 B1	20210430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200531 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP3409971 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200531 Country of Ref document: BE
EP3409971 B1	20380522	PEXP		Calculated Patent Term Expiry	
JP2018202948 A2	20181227	LSPB	+	published / reissued	
JP2018202948 A2	20190222	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20190222
JP2018202948 A2	20190712	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2018202948 A2	20190723	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20190723 Text: JAPANESE INTERMEDIATE CODE: A01
JP2018202948 A2	20190808	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20190805 Text: JAPANESE INTERMEDIATE CODE: A61
JP2018202948 A2	20190809	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6568895 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6568895 B2	20181225	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20181225
JP6568895 B2	20190725	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6568895 B2	20190806	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6568895 B2	20190809	LSGT	+R150	特許証 (Patent certificate)	
JP6568895 B2	20190828	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6568895 B2	20370531	PEXP		Calculated Patent Term Expiry	
US10981619 BB	20180516	LSAS	AS	ASSIGNMENT	PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MUKAI, KATSUMASA;KUBO, SATORU;YOSHINO, HIROKI;AND OTHERS;REEL/FRAME:045816/0208 Owner: HONDA MOTOR CO., LTD., JAPAN Effective date: 20180507
US10981619 BB	20180516	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10981619 BB	20180702		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US10981619 BB	20210420	LSGT	+	granted / extensions (spc, cpc, pte)	

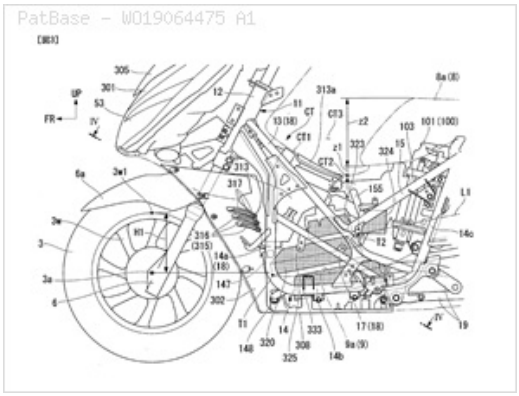
US10981619 BB	20381226	PEXP		Calculated Patent Term Expiry (PTA 224 days)	
US2018346057 AA	20180702		RFE1	Docketed New Case - Ready for Examination	
US2018346057 AA	20181206	LSPB	+	published / reissued	
US2018346057 AA	20200221	LSES	NFA1	Non Final Action Mailed	
US2018346057 AA	20200221		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2018346057 AA	20200424	LSES	NFA1	Non Final Action Mailed	
US2018346057 AA	20200424		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2018346057 AA	20200804		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2018346057 AA	20201030		FRM1	Final Rejection Mailed	
US2018346057 AA	20210122	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2018346057 AA	20210122		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2018346057 AA	20210322		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT RECEIVED
US2018346057 AA	20210323	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2018346057 AA	20210323		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2018346057 AA	20210331	LSGT	PAT1	Patented Case	
US2018346057 AA	20210331	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE

61) Family number: 73838506 (WO19064475 A1)

Title: **SADDLE** RIDING-TYPE ELECTRIC VEHICLE

Abstract: A **saddle** riding-type electric vehicle (1, 1A, 1B) is provided with a vehicle-driving electric motor (30), a battery (100) for supplying power to the electric motor (30), a power control unit (320) for controlling the electric motor (30), a step floor (9) on which the rider places the feet, and a center tunnel (CT) extending in a vehicle front/rear direction at a left/right middle section of the step floor (9), wherein the power control unit (320) is disposed in the interior of the center tunnel (CT), and in the interior of the center tunnel (CT), an object accommodation part (313, 313A, 313B) is disposed above the power control unit (320).

Classifications:
International (IPC 8-9): B62J11/00 B62J25/00 B62J41/00 B62J43/16 B62J43/20 B62J43/28 B62J43/30 B62J50/30 B62J9/02 B62J9/10 B62J9/14 B62J9/30 B62J9/40 B62M6/45 B62M6/80 B62M6/90
CPC: B62J11/00 B62J9/40



Family:

Publication number	Publication date	Application number	Application date
CN111247061 A	20200605	CN201780095255	20170929
IN202047010791 A	20200320	IN202047010791	20200313
JP2019064475 A1	20200528	JP20190544082T	20170929
JP6833052 B1	20210224	JP20190544082T	20170929
WO19064475 A1	20190404	WO2017JP35421	20170929

Priority:

WO2017JP35421 20170929

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): ICHIKAWA HIROKI ; ISHIKAWA JUN ; KOBAYASHI YOSHITAKA ; KURAMOCHI AKIRA ; OKUBO KATSUYUKI ; SHIMAMURA TOSHIFUMI ; TSUJI KAZUO ; YAMAGUCHI TAKAFUMI

Agent(s): TAZAKI AKIRA ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN111247061 A	20200605	LSPB	+	published / reissued	
CN111247061 A	20200605	LSPB	PB01	PUBLICATION	
CN111247061 A	20200605	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111247061 A	20200630		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111247061 A	20200630		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
IN202047010791 A	20200320	LSPB	+	published / reissued	
JP2019064475 A1	20191206		A5211	特許協力条約第34条補正の写し提出書 (Submission of Copy of Amendment under Article 34 of the Patent)	Effective date: 20191206
JP2019064475 A1	20191206	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191206
JP2019064475 A1	20191206		A632	国内書面 (National Entry Form)	Effective date: 20191206
JP2019064475 A1	20200414		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200414
JP2019064475 A1	20200528	LSPB	+	published / reissued	
JP2019064475 A1	20210121	LSGT	+TRDD	DECISION OF GRANT OR REJECTION	

				WRITTEN	
JP2019064475 A1	20210126	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20210126
JP2019064475 A1	20210126	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210126
JP2019064475 A1	20210204	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210202 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019064475 A1	20210204	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210202
JP2019064475 A1	20210204	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6833052 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6833052 B1	20210224	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6833052 B1	20370929	PEXP		Calculated Patent Term Expiry	
WO19064475 A1	20190404	LSPB	+	published / reissued	
WO19064475 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 17926573 Kind code of Ref document: A1 Country of Ref document: EP
WO19064475 A1	20190919		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19064475 A1	20191206	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019544082 Kind code of Ref document: A Country of Ref document: JP
WO19064475 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064475 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref document number: 17926573 Kind code of Ref document: A1 Country of Ref document: EP

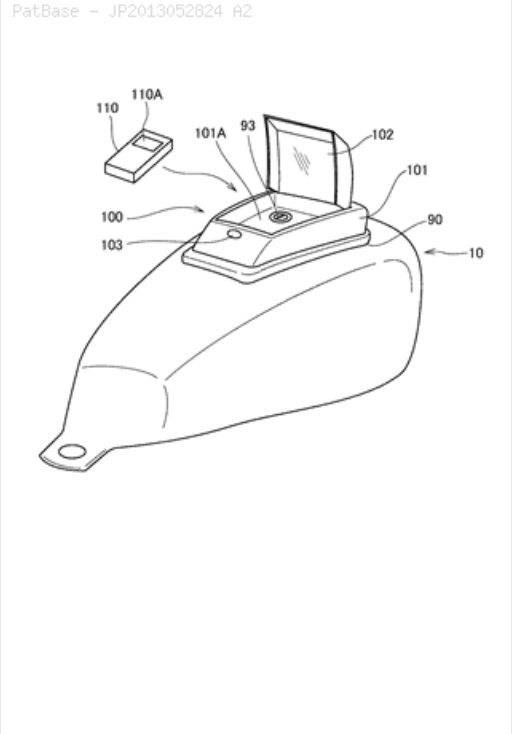
62) Family number: 53659599 (JP2013052824 A2)

Title: MOBILE TERMINAL SUPPORTING STRUCTURE FOR **SADDLE** RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a mobile terminal supporting structure for a **saddle** riding type vehicle by which a state of a mobile terminal can be recognized, the mobile terminal can be supported while being supplied with electricity, and improvement in appearance quality and the protection of a power-supply cord are achieved.SOLUTION: The mobile terminal supporting structure includes a clear case 100 for a mobile phone 110 of a rider in a **saddle** riding type vehicle. The clear case 100 is disposed between knees of the rider and at an upper surface of a fuel tank 10 having a filler opening therein so that a display surface 110A of the mobile phone 110 can be mounted while being directed toward the rider, and also the power-supply cord of the mobile phone 110 is covered with a lid 90 covering a fuel tank cap for closing the filler opening on the upper surface of the fuel tank 10.

Classifications:

International (IPC 8-9): B62J11/00 B62J11/19 B62J35/00 B62J6/18 B62J9/00 H04M1/00



Family:

Publication number	Publication date	Application number	Application date
IN03609CH2012 A	20160826	IN2012CH03609	20120831
IN343648 B	20200814	IN2012CH03609	20120831
JP2013052824 A2	20130321	JP20110193752	20110906
JP5665699 B2	20150204	JP20110193752	20110906

Priority:

JP20110193752 20110906

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Inventor(s): (std): ANDO MASAHARU ; FUJIWARA KIYOTAKA ; IIDA OMI ; INUI HIDEJIRO ; NAKANO JUNICHI

Inventor(s): FUJIHARA KIYOTAKA ; INUI SHUJIRO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
IN03609CH2012 A	20160826	LSPB	+	published / reissued	
IN343648 B	20200814	LSGT	+	granted / extensions (spc, cpc, pte)	
IN343648 B	20320831	PEXP		Calculated Patent Term Expiry	
JP2013052824 A2	20130321	LSPB	+	published / reissued	
JP2013052824 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20131127
JP2013052824 A2	20140723	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140722 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013052824 A2	20140920	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523

					Effective date: 20140919
JP2013052824 A2	20141125	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013052824 A2	20141203	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20141202
JP2013052824 A2	20141218	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20141209
JP2013052824 A2	20141219	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5665699 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5665699 B2	20141204	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5665699 B2	20141204	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20141202
JP5665699 B2	20141216	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5665699 B2	20141216	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20141209 Text: 51402513120
JP5665699 B2	20141219	LSGT	+R150	特許証 (Patent certificate)	
JP5665699 B2	20141219	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150106
JP5665699 B2	20150204	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5665699 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5665699 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20170727 Text: 51701586590
JP5665699 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5665699 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170815
JP5665699 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5665699 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51801521710 Effective date: 20180725
JP5665699 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5665699 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180814
JP5665699 B2	20191219	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5665699 B2	20310906	PEXP		Calculated Patent Term Expiry	

63) Family number: 73789521 (IN201711031112 A)

Title: **SADDLE** BAG CUM BACKPACK

Abstract: The present invention relates to a **saddle** bag cum backpack assembly (1) to be used upon motor cycles which are provided with length adjustable **locking** means (2) to enable the adjustment of the **saddle** bag assembly (1) as per size of the **seat** of the **motorcycle**. The three parallel straps and corresponding detachable lateral **locks** buckle assembly (2a, 2b, 2c) can be adjusted to aid snug fit of the **saddle** bag assembly with the **motorcycle** of different sizes. The present invention provided with means for easy conversion of the **saddle** bag into backpack or even into independent sling bags as per need.

Classifications:
International (IPC 8-9): A61F2/1602

Family:

Publication number	Publication date	Application number	Application date
IN201711031112 A	20190329	IN201711031112	20170901

Priority:

IN201711031112 20170901

Probable Assignee:	ROADGODS AUTOGEAR PVT LTD
Assignee(s):	ROADGODS AUTOGEAR PVT LTD
Inventor(s):	APOORV MANGALAM

Legal status (INPADOC)

View legal status timeline

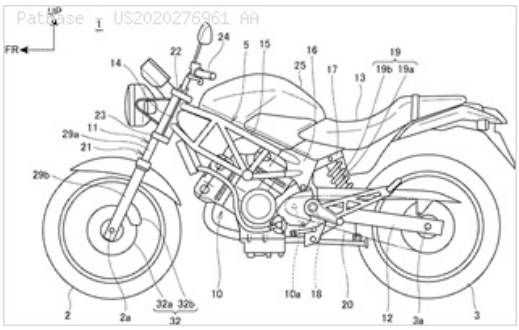
Patent	Date recorded	Event group	Code	Event	Details
IN201711031112 A	20190329	LSPB	+	published / reissued	

64) Family number: 74964492 (US2020276961 AA)

Title: BRAKE DEVICE FOR **SADDLE** -TYPE VEHICLES

Abstract: In a brake device for a **saddle** -type vehicle, including hydraulic front and rear wheel brakes and a first control unit that controls operations of the front wheel, brake and the rear wheel brake, a second control unit includes a collision possibility determining section that determines a possibility of collision of an own vehicle with an obstacle ahead, the first control unit has an automatic brake controller that performs automatic brake control to automatically increase braking forces of the front wheel brake and the rear wheel brake, and in case where the collision possibility determining section determines that there is the possibility of collision, the automatic brake controller pressurizes the rear wheel brake to brake a rear wheel, and simultaneously pressurizes the front wheel brake up to a predetermined pressure at which a vehicle body posture is not changed by braking of a front wheel.

Classifications:
International (IPC 8-9): B60T7/12 B60T7/22 B60T8/1755 B60T8/1761 B60T8/26 B60T8/30 B60T8/32 B60W10/00 B60W10/188 B60W10/22 B60W30/08 B60W30/09 B62K25/08 B62L3/08
CPC: B60T7/12 B60T7/122 B60T7/22 B60T8/1755 B60T8/26 B60T8/3225 B60W10/00 B60W10/188 B60W10/22 B62K25/08 B62L3/08



Family:

Publication number	Publication date	Application number	Application date
BR112020006938 A2	20201006	BR20201106938	20181017
CN111565983 A	20200821	CN201880083415	20181017
EP3680137 A1	20200715	EP20180894625	20181017
EP3680137 A4	20200819	EP20180894625	20181017
IN202017018133 A	20200904	IN202017018133	20200428
JP2019130743 A1	20201210	JP20190562778T	20181017
JP6842568 B1	20210317	JP20190562778T	20181017
US2020276961 AA	20200903	US20180764130	20181017
WO19130743 A1	20190704	WO2018JP38700	20181017

Priority:
JP20170254821 20171228 WO2018JP38700 20181017

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): CHIHIRO IIDA ; CHIKASHI IIZUKA ; HIRONORI NAKAMURA ; HIROYUKI KANETA ; IIDA CHIHIRO ; IIZUKA CHIKASHI ; KANETA HIROYUKI ; NAKAMURA HIRONORI
Agent(s): BEDER JENS; KUSHIBUCHI AND ASSOCIATES
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR112020006938 A2	20201006	LSPB	+	published / reissued	
CN111565983 A	20200821	LSPB	+	published / reissued	
CN111565983 A	20200821	LSPB	PB01	PUBLICATION	
CN111565983 A	20200821	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111565983 A	20200915		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111565983 A	20200915		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
EP3680137 A1	20200715	LSPB	+	published / reissued	
EP3680137 A1	20200715	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20200406

EP3680137 A1	20200715		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3680137 A1	20200715		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: KH MA MD TN
EP3680137 A1	20200715		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3680137 A4	20200819	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20200716
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 25/08 20060101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60T 8/26 20060101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60T 7/22 20060101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60T 8/32 20060101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60W 10/188 20120101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60T 8/1755 20060101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60W 30/09 20120101ALI20200710BHEP
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EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62L 3/08 20060101ALI20200710BHEP
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EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60W 30/08 20120101ALI20200710BHEP
EP3680137 A4	20200819		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60W 10/22 20060101ALI20200710BHEP
EP3680137 A4	20210324		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3680137 A4	20210407		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3680137 A4	20210407		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	

				(DELETED)	
EP3680137 A4	20210421	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20210325
IN202017018133 A	20200904	LSPB	+	published / reissued	
JP2019130743 A1	20201210	LSPB	+	published / reissued	
JP2019130743 A1	20210128	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019130743 A1	20210202	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210202 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019130743 A1	20210202	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210202
JP2019130743 A1	20210224	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210219 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019130743 A1	20210224	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210219
JP2019130743 A1	20210224	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6842568 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6842568 B1	20210317	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6842568 B1	20381017	PEXP		Calculated Patent Term Expiry	
US2020276961 AA	20200514	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KANETA, HIROYUKI;IIZUKA, CHIKASHI;IIDA, CHIHIRO;AND OTHERS;SIGNING DATES FROM 20200310 TO 20200313;REEL/FRAME:052666/0679 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US2020276961 AA	20200608		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2020276961 AA	20200608		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2020276961 AA	20200903	LSPB	+	published / reissued	
WO19130743 A1	20190704	LSPB	+	published / reissued	
WO19130743 A1	20190814		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 18894625 Country of Ref document: EP
WO19130743 A1	20200424	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2018894625 Effective date: 20200406 Country of Ref document: EP
WO19130743 A1	20200529	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2019562778 Country of Ref document: JP
WO19130743 A1	20200630	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19130743 A1	20200915		REG	REFERENCE TO NATIONAL CODE	Ref document number: 112020006938 Ref country code: BR Ref legal event code: B01A Country of Ref document: BR
WO19130743 A1	20201006	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20200407 Ref document number:

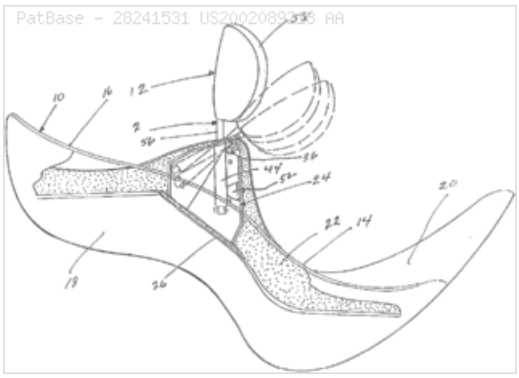
112020006938
Kind code of Ref document: A2
Country of Ref document: BR

65) Family number: 28241531 (US2002089218 AA)

Title: **MOTORCYCLE** **SADDLE** WITH BACKREST

Abstract: A tandem **motorcycle** **saddle** and backrest has a backrest mounting unit embedded in the cushioning material in the front section of said passenger **seat** portion. The unit has a housing with a slot in the top wall, and a pivotable member pivotably mounted in the housing for movement in a path along the slot. A spring means biases the pivotable member about the pivot in a rearward direction to an upright position as oriented on the **motorcycle**, and a stop element limits movement in the rearward direction. The fabric covering and cushioning material have openings therein aligned with the housing slot. The backrest has an elongated rigid support arm having its lower portion extending through the opening in the slot, and removably **seated** in the pivotable member. The backrest is pivotable in a forward direction against the biasing pressure of the spring.

Classifications:
International (IPC 8-9)**:** B62J1/00 B62J1/12 B62J1/28
International (IPC 1-7)**:** B62J1/00 B62J1/28
CPC: B62J1/12 B62J1/28
US: 297/195.12 297/215.11 297/215.12 297/292 297/195.120S 297/215.120P



Family:

Publication number	Publication date	Application number	Application date
US2002089218 AA	20020711	US20010754549	20010105
US6422648 BA	20020723	US20010754549	20010105

Priority:
US20010754549 20010105

Probable Assignee:	CORBIN PACIFIC INC
Assignee(s): (std)**:**	CORBIN PACIFIC INC ; HANAGAN MICHAEL W
Assignee(s):	COMERICA BANK
Inventor(s): (std)**:**	HANAGAN MICHAEL W
Inventor(s):	MICHAEL W HANAGAN
Agent(s):	PEPE AND HAZARD LLP

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2002089218 AA	20020711	LSPB	+	published / reissued	
US6422648 BA	20010105	LSAS	AS	ASSIGNMENT	Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:011427/0331 Effective date: 20001228
US6422648 BA	20020703	LSGT	PAT1	Patented Case	
US6422648 BA	20020703	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US6422648 BA	20020723	LSGT	+	granted / extensions (spc, cpc, pte)	
US6422648 BA	20051206	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US6422648 BA	20090423	LSAS	AS	ASSIGNMENT	PartyType: owner Owner: COMERICA BANK, CALIFORNIA Effective date: 20090315 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133
US6422648 BA	20100122	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US6422648 BA	20121203	LSAS	AS	ASSIGNMENT	Effective date: 20121128 OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 Owner: CORBIN PACIFIC, INC.,

					CALIFORNIA PartyType: owner
US6422648 BA	20140121	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US6422648 BA	20210105	PEXP		Calculated Patent Term Expiry	

66) Family number: 43793046 (EP2309163 A1)

Title: BIDIRECTIONAL SOLENOID VALVE

Abstract: Disclosed is a two-way solenoid valve including a valve body (2), a sleeve (2312), a coil (1), a movable core (232) and a static core (239) that are arranged within the sleeve (2312), and a return spring (238) arranged between the movable core (232) and the static core (239). The valve body (2) is provided with a valve chamber (215) and a valve port (214) therewithin. A sealing piston (22) is provided within the valve chamber (215) to open and close the valve port (214) under the action of pressure difference. A valve guiding part (23) is further provided. Variable flow control parts (235a,b) are provided inside chambers to block fluid passages under the action of springs inside the chambers.

Classifications:
International (IPC 8-9): B60T1/00 B60T1/06 B60T7/04 B60T7/06 B62J25/00 B62K11/04 B62K19/00 B62K19/38 B62L3/00 B62L3/04 B62L3/06 F16D63/00 F16K F16K1/00 F16K1/42 F16K1/52 F16K27/02 F16K31/06 F16K31/40 H01F7/16
International (IPC 1-7): B62K11/04 B62L3/06 F16D63/00
CPC: F16K31/406

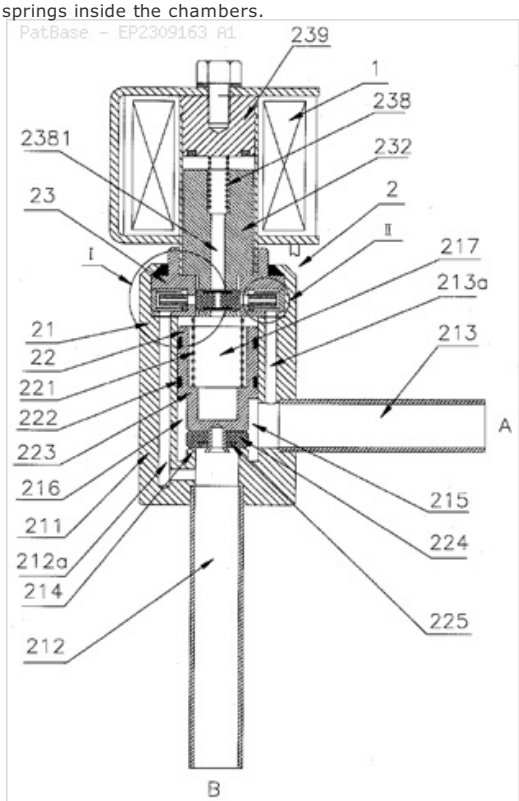


Figure 2

Family:

Publication number	Publication date	Application number	Application date
BRPI0900736 A2	20101109	BR2009PI00736	20090219
BRPI0900736 B1	20190212	BR2009PI00736	20090219
CN101544261 A	20090930	CN200910008375	20090226
CN101544261 B	20110921	CN200910008375	20090226
CN102032382 A	20110427	CN200910204763	20091008
CN102032382 B	20130925	CN200910204763	20091008
DE602010003124 D1	20121206	DE201060003124T	20100716
EP2309163 A1	20110413	EP20100169788	20100716
EP2309163 B1	20121010	EP20100169788	20100716
IN00433CH2009 A	20091002	IN2009CH00433	20090226
IN298566 B	20180713	IN2009CH00433	20090226
IN01609DE2010 A	20130920	IN2010DE01609	20100708
IN298565 B	20180713	IN2010DE01609	20100708
JP2009227119 A2	20091008	JP20080075188	20080324
JP5027025 B2	20120919	JP20080075188	20080324
KR101212571 B1	20121214	KR20100069050	20100716
KR20110038573 A	20110414	KR20100069050	20100716
TH100596 A	20100324	TH20081006757	20081229
TH50233 B	20160704	TH20081006757	20081229
VN10105 A1	20120425	VN20090000395	20090227

Priority:
JP20080075188 20080324 CN200910204763 20091008 EP20100169788 20100716

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD ; ZHEJIANG SANHUA CLIMATE AND APPL

Assignee(s): HONDA GIKEN KOGYO K K ; HONDA MOTOR CO ; ZHEJIANG SANHUA CLIMATE AND APPLIANCE CONTROLS GROUP CO ; ZHEJIANG SANHUA CLIMATE AND APPLIANCE CONTROLS GROUP CO LTD

Inventor(s): (std): BIN CHEN ; CHEN BIN ; NAKABAYASHI SHUNICHI ; SHUNICHI NAKABAYASHI

Agent(s): MAIWALD PATENTANWALTS GMBH

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BRPI0900736 A2	20101109	LSPB	+	published / reissued	
BRPI0900736 A2	20101109	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BRPI0900736 A2	20180828		B06T	FORMAL REQUIREMENTS BEFORE EXAMINATION [CHAPTER 6.20 PATENT GAZETTE]	
BRPI0900736 A2	20181226	LSGT	B09A	DECISION: INTENTION TO GRANT [CHAPTER 9.1 PATENT GAZETTE]	
BRPI0900736 B1	20190212	LSGT	+	granted / extensions (spc, cpc, pte)	
BRPI0900736 B1	20190212	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	Text: PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 19/02/2009, OBSERVADAS AS CONDICOES LEGAIS. (CO) 20 (VINTE) ANOS CONTADOS A PARTIR DE 19/02/2009, OBSERVADAS AS CONDICOES LEGAIS
BRPI0900736 B1	20210316	LSLE	-B21F	LAPSE ACC. ART. 78, ITEM IV - ON NON-PAYMENT OF THE ANNUAL FEES IN TIME	Text: REFERENTE A 12A ANUIDADE.
BRPI0900736 B1	20210706	LSLE	-B24J	LAPSE BECAUSE OF NON-PAYMENT OF ANNUAL FEES (DEFINITIVELY: ART 78 IV LPI, RESOLUTION 113/2013 ART. 12)	Text: EM VIRTUDE DA EXTINCAO PUBLICADA NA RPI 2619 DE 16-03-2021 E CONSIDERANDO AUSENCIA DE MANIFESTACAO DENTRO DOS PRAZOS LEGAIS, INFORMO QUE CABE SER MANTIDA A EXTINCAO DA PATENTE E SEUS CERTIFICADOS, CONFORME O DISPOSTO NO ARTIGO 12, DA RESOLUCAO 113/2013.
BRPI0900736 B1	20290219	PEXP		Calculated Patent Term Expiry	
CN101544261 A	20090930	LSPB	+	published / reissued	
CN101544261 A	20090930	LSPB	+C06	PUBLICATION	
CN101544261 A	20091125		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN101544261 A	20110921	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN101544261 A	20170412	LSLE	-CF01	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE	
CN101544261 B	20110921	LSGT	+	granted / extensions (spc, cpc, pte)	
CN101544261 B	20290226	PEXP		Calculated Patent Term Expiry	
CN102032382 A	20110427	LSPB	+	published / reissued	
CN102032382 A	20110427	LSPB	+C06	PUBLICATION	
CN102032382 A	20110914		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102032382 A	20130925	LSGT	+C14	GRANT OF PATENT OR	

				UTILITY MODEL	
CN102032382 A	20140709	LSAS	ASS	SUCCESSION OR ASSIGNMENT OF PATENT RIGHT	Effective date: 20140619 OldParty: FORMER OWNER: SANHUA REFRIGERATION GROUP CO., LTD., ZHEJANG Owner: ZHEJIANG SANHUA GROUP CO., LTD. PartyType: owner
CN102032382 A	20140709	LSAS	C41	TRANSFER OF PATENT APPLICATION OR PATENT RIGHT OR UTILITY MODEL	
CN102032382 A	20170222	LSAS	C41	TRANSFER OF PATENT APPLICATION OR PATENT RIGHT OR UTILITY MODEL	
CN102032382 B	20130925	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102032382 B	20291008	PEXP		Calculated Patent Term Expiry	
DE602010003124 D1	20140201	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
EP2309163 A1	20110413	LSPB	+	published / reissued	
EP2309163 A1	20110413	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20100716
EP2309163 A1	20110413		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR
EP2309163 A1	20110413		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME RS
EP2309163 A1	20110427		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: CHEN, BIN
EP2309163 A1	20111012		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: CHEN, BIN PartyType: inventor
EP2309163 A1	20111214	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20111114
EP2309163 A1	20120725		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: CHEN, BIN
EP2309163 A1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2309163 A1	20130628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2309163 A1	20161031	LSFE	+PGFP	ANNUAL FEE	Payment date: 20160721

				PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Country of Ref document: IT
EP2309163 A1	20161130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160722 Year of fee payment: 7 Country of Ref document: FR
EP2309163 B1	20121010	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2309163 B1	20121010		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR
EP2309163 B1	20121010	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP2309163 B1	20121015	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP2309163 B1	20121015	LSNP	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref document number: 579125 Ref legal event code: REF Ref country code: AT Effective date: 20121015 Country of Ref document: AT
EP2309163 B1	20121107	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2309163 B1	20121206	LSPB	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20121206 Ref legal event code: R096 Ref country code: DE Ref document number: 602010003124 Country of Ref document: DE
EP2309163 B1	20130228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2309163 B1	20130313	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: VDEP Effective date: 20121010
EP2309163 B1	20130315	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 579125 Kind code of Ref document: T Ref legal event code: MK05 Effective date: 20121010 Ref country code: AT Country of Ref document: AT
EP2309163 B1	20130325	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR

				EPO]	
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: FI
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: SE
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130210 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130110 Country of Ref document: NO
EP2309163 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130121 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP2309163 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2309163 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130211 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2309163 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: BE

				EPO]	
EP2309163 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: PL
EP2309163 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: LV
EP2309163 B1	20130628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: AT
EP2309163 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: DK
EP2309163 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2309163 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130110 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2309163 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: CZ
EP2309163 B1	20130731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2309163 B1	20130830	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO

EP2309163 B1	20130918	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20130711
EP2309163 B1	20131031	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref country code: DE Ref document number: 602010003124 Effective date: 20130711 Country of Ref document: DE
EP2309163 B1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: CY
EP2309163 B1	20140228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: MC
EP2309163 B1	20140423	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2309163 B1	20140430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20140201 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP2309163 B1	20140508	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602010003124 Ref legal event code: R119 Effective date: 20140201 Ref country code: DE Country of Ref document: DE
EP2309163 B1	20140731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130716 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2309163 B1	20150227	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP2309163 B1	20150325	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20140716
EP2309163 B1	20150430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20140731 Country of Ref document: CH
EP2309163 B1	20150430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20140731 Country of Ref document: LI
EP2309163 B1	20150529	LSLE	-PG25	LAPSED IN A CONTRACTING	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE

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EP2309163 B1	20150529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2309163 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP2309163 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20121010 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MT
EP2309163 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20130716 Country of Ref document: LU
EP2309163 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: MK
EP2309163 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20100716 Country of Ref document: HU
EP2309163 B1	20160722	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 7 Ref legal event code: PLFP Country of Ref document: FR
EP2309163 B1	20170731	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 8 Ref legal event code: PLFP
EP2309163 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20170731 Country of Ref document: FR
EP2309163 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Year of fee payment: 8 Payment date: 20170725 Country of Ref document: IT

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EP2309163 B1	20180731	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Ref country code: FR Year of fee payment: 9
EP2309163 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20121010 Country of Ref document: AL
EP2309163 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180731 Year of fee payment: 9 Country of Ref document: FR
EP2309163 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180724 Year of fee payment: 9 Country of Ref document: IT
EP2309163 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190723 Year of fee payment: 10 Country of Ref document: IT
EP2309163 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190731 Year of fee payment: 10 Country of Ref document: FR
EP2309163 B1	20201030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200731 Year of fee payment: 11 Country of Ref document: FR
EP2309163 B1	20201130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200710 Year of fee payment: 11 Country of Ref document: IT
EP2309163 B1	20300716	PEXP		Calculated Patent Term Expiry	
IN00433CH2009 A	20091002	LSPB	+	published /	

				reissued	
IN01609DE2010 A	20130920	LSPB	+	published / reissued	
IN298565 B	20180713	LSGT	+	granted / extensions (spc, cpc, pte)	
IN298565 B	20300708	PEXP		Calculated Patent Term Expiry	
IN298566 B	20180713	LSGT	+	granted / extensions (spc, cpc, pte)	
IN298566 B	20290226	PEXP		Calculated Patent Term Expiry	
JP2009227119 A2	20091008	LSPB	+	published / reissued	
JP5027025 B2	20110826		A977	REPORT ON RETRIEVAL	Effective date: 20110826 Text: JAPANESE INTERMEDIATE CODE: A971007
JP5027025 B2	20110914	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20110913 Text: JAPANESE INTERMEDIATE CODE: A131
JP5027025 B2	20111112	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20111111 Text: JAPANESE INTERMEDIATE CODE: A523
JP5027025 B2	20111112		RD02	NOTIFICATION OF ACCEPTANCE OF POWER OF ATTORNEY	Effective date: 20111111 Text: JAPANESE INTERMEDIATE CODE: A7422
JP5027025 B2	20120530	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP5027025 B2	20120606	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20120605 Text: JAPANESE INTERMEDIATE CODE: A01
JP5027025 B2	20120607	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01
JP5027025 B2	20120607	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5027025 B2	20120626	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5027025 B2	20120629	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 3
JP5027025 B2	20120629	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP5027025 B2	20120629	LSGT	+R150	特許証 (Patent certificate)	
JP5027025 B2	20120919	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5027025 B2	20150129	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5027025 B2	20150203	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5027025 B2	20160629	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5027025 B2	20280324	PEXP		Calculated	

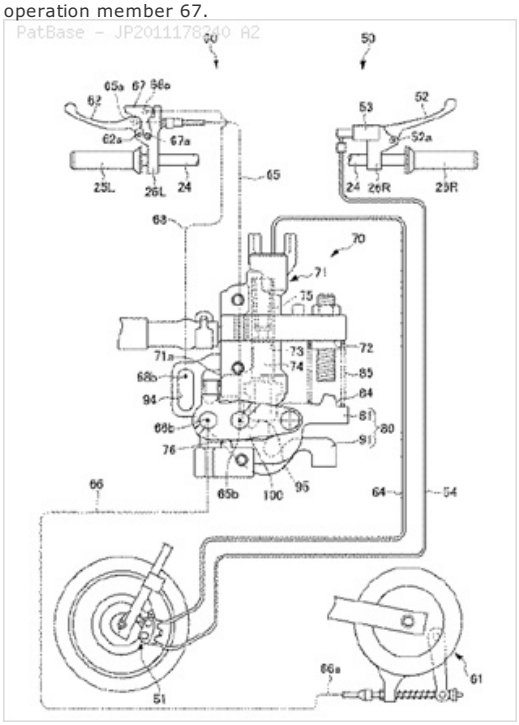
				Patent Term Expiry	
KR101212571 B1	20100716	LSES	A201	REQUEST FOR EXAMINATION	
KR101212571 B1	20121214	LSGT	+	granted / extensions (spc, cpc, pte)	
KR101212571 B1	20151125	LSFE	FPAY	ANNUAL FEE PAYMENT	Year of fee payment: 4 Payment date: 20151125
KR101212571 B1	20161125	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20161125 Year of fee payment: 5
KR101212571 B1	20171219	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20171220 Year of fee payment: 6
KR101212571 B1	20181210	LSFE	FPAY	ANNUAL FEE PAYMENT	Year of fee payment: 7 Payment date: 20181210
KR101212571 B1	20191125	LSFE	FPAY	ANNUAL FEE PAYMENT	Year of fee payment: 8 Payment date: 20191125
KR101212571 B1	20300716	PEXP		Calculated Patent Term Expiry	
KR20110038573 A	20110414	LSPB	+	published / reissued	
KR20110038573 A	20120220	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR20110038573 A	20120517	LSRV	-E90F	NOTIFICATION OF REASON FOR FINAL REFUSAL	
KR20110038573 A	20121123	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR20110038573 A	20121210	LSGT	+GRNT	WRITTEN DECISION TO GRANT	
TH100596 A	20100324	LSPB	+	published / reissued	
TH50233 B	20160704	LSGT	+	granted / extensions (spc, cpc, pte)	
TH50233 B	20281229	PEXP		Calculated Patent Term Expiry	
VN10105 A1	20120425	LSGT	+	granted / extensions (spc, cpc, pte)	

67) Family number: 49550255 (JP2011178240 A2)

Title: BRAKE **LOCK** DEVICE FOR VEHICLE AND **SADDLE** -RIDING TYPE VEHICLE INCLUDING THE SAME

Abstract: PROBLEM TO BE SOLVED: To provide a brake **lock** device for a vehicle maintaining a **mechanical** brake in a braking state during brake **lock** not to generate hydraulic pressure in a hydraulic brake. SOLUTION: This brake **lock** device includes an interlocking device 70 for imparting braking force to both of the brakes 51 and 61 according to an operation of an interlocking operation element 62, and a brake **lock** operation element 67 capable of holding the interlocking operation element 62 in an operation state. The interlocking device 70 includes a cylinder block 71 including a master cylinder 73 for generating hydraulic pressure, a pressing arm 80 mounted on the cylinder block 71 by energizing so that an intermediate part may be rotatable and an abutting part 83 may abut on the cylinder block 71 to press the master cylinder 73 by a pressing part 95 when rotated against energizing force, and an equalizer 100 rotatably mounted on the pressing arm 80, connected with a transmission member 65 from the interlocking operation member 62 to an intermediate part between both ends and connected with a transmission member 66 from the **mechanical** brake to the other end side. A transmission member 68 from the pressing arm 80 is connected to the brake **lock** operation member 67.

Classifications:
International (IPC 8-9): B60T11/04 B60T11/06 B60T11/18 B60T7/10 B60T8/26 B62K19/38 B62L3/00 B62L3/02 B62L3/06 B62L3/08
International (IPC 1-7): B62L3/00



Family:

Publication number	Publication date	Application number	Application date
CN102167122 A	20110831	CN201110037644	20110211
CN102167122 B	20130703	CN201110037644	20110211
IN00515CH2011 A	20120127	IN2011CH00515	20110222
IN314761 B	20190628	IN2011CH00515	20110222
JP2011178240 A2	20110915	JP20100043209	20100226
JP5364618 B2	20131211	JP20100043209	20100226
TH116770 A	20121015	TH20111000068	20110117
TH56452 B	20170804	TH20111000068	20110117
VN12550 A1	20140425	VN20110000176	20110119

Priority:
JP20100043209 20100226

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA GIKEN KOGYO KABUSIKI KAISHA
Inventor(s): (std): SAITO SATOSHI ; SAITO SO ; SO SAITO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102167122 A	20110831	LSPB	+	published / reissued	
CN102167122 A	20110831	LSPB	+C06	PUBLICATION	
CN102167122 A	20111012		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102167122 B	20130703	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102167122 B	20130703	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102167122 B	20310211	PEXP		Calculated Patent Term Expiry	
IN00515CH2011 A	20120127	LSPB	+	published / reissued	

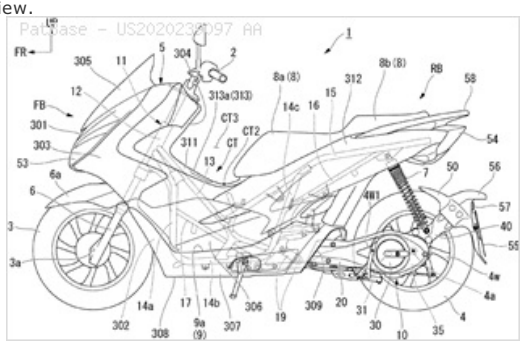
IN314761 B	20190628	LSGT	+	granted / extensions (spc, cpc, pte)	
IN314761 B	20310222	PEXP		Calculated Patent Term Expiry	
JP2011178240 A2	20110915	LSPB	+	published / reissued	
JP2011178240 A2	20121128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20121127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2011178240 A2	20130816		A977	REPORT ON RETRIEVAL	Effective date: 20130815 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2011178240 A2	20130823	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2011178240 A2	20130904	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20130903
JP2011178240 A2	20130912	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20130909 Text: JAPANESE INTERMEDIATE CODE: A61
JP2011178240 A2	20130913	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP2011178240 A2	20130913	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5364618 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5364618 B2	20130905	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5364618 B2	20130905	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20130903
JP5364618 B2	20130910	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5364618 B2	20130910	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20130909 Text: 51301888743
JP5364618 B2	20130913	LSGT	+R150	特許証 (Patent certificate)	
JP5364618 B2	20130913	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20130924
JP5364618 B2	20131211	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5364618 B2	20160428	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5364618 B2	20160428	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51600907637 Effective date: 20160427
JP5364618 B2	20160510	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5364618 B2	20160510	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20160517
JP5364618 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5364618 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51700916159 Effective date: 20170426
JP5364618 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5364618 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170516
JP5364618 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5364618 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51800877424 Effective date: 20180425
JP5364618 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	

JP5364618 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180515
JP5364618 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5364618 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901167603 Effective date: 20190603
JP5364618 B2	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5364618 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5364618 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP5364618 B2	20200601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200529 Text: 52001104487
JP5364618 B2	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP5364618 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52101163709 Effective date: 20210531
JP5364618 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP5364618 B2	20300226	PEXP		Calculated Patent Term Expiry	
TH116770 A	20121015	LSPB	+	published / reissued	
TH56452 B	20170804	LSGT	+	granted / extensions (spc, cpc, pte)	
TH56452 B	20310117	PEXP		Calculated Patent Term Expiry	
VN12550 A1	20140425	LSGT	+	granted / extensions (spc, cpc, pte)	

68) Family number: 73838524 (US2020239097 AA)

Title: **SADDLE** -TYPE ELECTRIC VEHICLE

Abstract: A **saddle** -type electric vehicle (**1, 1**A, or **1**B) includes an electric motor (**30**) for vehicle traveling, a battery (**100**) which supplies electric power to the electric motor (**30**), a power control unit (**320**) which controls the electric motor (**30**), step floors (**9**) on which a rider places his/her feet, a center tunnel (CT) which extends in a vehicle front-rear direction at a left-right center portion of the step floors (**9**), and a charger (**325**) mounted on the vehicle body and configured to charge the battery (**100**), in which the power control unit (**320**) is disposed inside the center tunnel (CT), and the charger (**325**) is disposed to overlap the power control unit (**320**) in a plan view.



Classifications:
International (IPC 8-9): B60L50/60 B60L53/18 B62J11/00 B62J25/04 B62J43/16 B62J43/20 B62J43/28 B62J45/00 B62J45/20 B62K11/00 B62M7/12
CPC: B60L2200/12 B60L50/60 B60L53/18 B62J43/16 B62J43/28 B62J45/20 B62K11/00 B62K2202/00 B62K2204/00 B62M7/12 Y02T10/70 Y02T10/7072 Y02T90/14

Family:

Publication number	Publication date	Application number	Application date
CN111148689 A	20200512	CN201780095202	20170929
DE602017037875 D1	20210520	DE201760037875T	20170929
EP3674188 A1	20200701	EP20170926763	20170929
EP3674188 A4	20200902	EP20170926763	20170929
EP3674188 B1	20210428	EP20170926763	20170929
IN202047009630 A	20200313	IN202047009630	20200306
JP2019064492 A1	20200416	JP20190544098T	20170929
JP6843260 B1	20210317	JP20190544098T	20170929
US2020239097 AA	20200730	US20170642028	20170929
WO19064492 A1	20190404	WO2017JP35483	20170929

Priority:
WO2017JP35483 20170929 EP20170926763 20170929

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): ICHIKAWA HIROKI ; ISHIKAWA JUN ; KOBAYASHI YOSHITAKA ; KURAMOCHI AKIRA ; OKUBO KATSUYUKI ; SHIMAMURA TOSHIFUMI ; TSUJI KAZUO ; YAMAGUCHI TAKAFUMI

Agent(s): BEDER JENS; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; TAZAKI AKIRA ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111148689 A	20200512	LSPB	+	published / reissued	
CN111148689 A	20200512	LSPB	PB01	PUBLICATION	
CN111148689 A	20200512	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111148689 A	20200605		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111148689 A	20200605		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
DE602017037875 D1	20210520	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP3674188 A1	20200701	LSPB	+	published / reissued	
EP3674188 A1	20200701	LSES	+17P	REQUEST FOR EXAMINATION	Effective date: 20200327

				FILED	
EP3674188 A1	20200701		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3674188 A1	20200701		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3674188 A1	20200701		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3674188 A4	20200902	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20200804
EP3674188 A4	20200902		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 43/28 20200101ALI20200729BHEP
EP3674188 A4	20200902		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 11/00 20060101ALI20200729BHEP
EP3674188 A4	20200902		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 11/00 20200101AFI20200729BHEP
EP3674188 A4	20200902		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 43/16 20200101ALI20200729BHEP
EP3674188 A4	20201122		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3674188 A4	20201223	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20201123
EP3674188 A4	20210106		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3674188 A4	20210106		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3674188 A4	20210323	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3674188 A4	20210326	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3674188 B1	20210428	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3674188 B1	20210428		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
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EP3674188 B1	20210430	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3674188 B1	20210515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20210515 Kind code of Ref document: T Ref country code: AT Ref document number: 1386772 Ref legal event code: REF Country of Ref document: AT
EP3674188 B1	20210520	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R096 Ref document number: 602017037875 Country of Ref document: DE
EP3674188 B1	20210526	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP3674188 B1	20370929	PEXP		Calculated Patent Term Expiry	
IN202047009630 A	20200313	LSPB	+	published /	

				reissued	
JP2019064492 A1	20191218		A5211	特許協力条約第34条補正の写し提出書 (Submission of Copy of Amendment under Article 34 of the Patent)	Effective date: 20191218
JP2019064492 A1	20191218	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191218
JP2019064492 A1	20191218		A632	国内書面 (National Entry Form)	Effective date: 20191218
JP2019064492 A1	20200310		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200310
JP2019064492 A1	20200416	LSPB	+	published / reissued	
JP2019064492 A1	20210212	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064492 A1	20210216	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20210216
JP2019064492 A1	20210216	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210216
JP2019064492 A1	20210225	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20210222
JP2019064492 A1	20210225	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210222
JP2019064492 A1	20210225	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6843260 Country of Ref document: JP
JP6843260 B1	20210317	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6843260 B1	20370929	PEXP		Calculated Patent Term Expiry	
US2020239097 AA	20200226	LSAS	AS	ASSIGNMENT	Effective date: 20200221 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:ICHIKAWA, HIROKI;YAMAGUCHI, TAKAFUMI;ISHIKAWA, JUN;AND OTHERS;REEL/FRAME:051928/0486 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US2020239097 AA	20200515		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2020239097 AA	20200515		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2020239097 AA	20200730	LSPB	+	published / reissued	
WO19064492 A1	20190404	LSPB	+	published / reissued	
WO19064492 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17926763 Country of Ref document: EP
WO19064492 A1	20191031		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH	

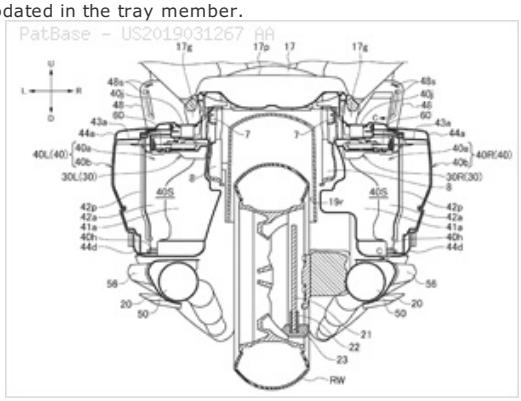
				FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19064492 A1	20191218	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019544098 Kind code of Ref document: A Country of Ref document: JP
WO19064492 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064492 A1	20200410	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20200327 Ref document number: 2017926763 Country of Ref document: EP

69) Family number: 66582876 (US2019031267 AA)

Title: STRADDLE VEHICLE

Abstract: A straddle vehicle includes: a body frame; an article storage portion including a case portion which is supported by the body frame and opens in a vehicle width direction and a lid portion attached to the case portion so as to be openable and closable and having a storage space; a **lock** unit for **locking** the lid portion to the case portion; and an antenna unit for receiving radio waves. A tray member is provided in an upper portion of the case portion in the storage space of the article storage portion, and the **lock** unit and the antenna unit are accommodated in the tray member.

Classifications:
International (IPC 8-9): B62H5/00 B62J1/28 B62J9/00 B62J9/02 B62J9/23 B62J9/30 B62J9/40 B62J99/00 B62K11/02 B62M6/45 H01Q1/32
CPC: B62H5/00 B62J1/28 B62J9/20 B62J9/23 B62J9/30 H01Q1/3291
US: 1/1 224/413



Family:

Publication number	Publication date	Application number	Application date
DE602016055892 D1	20210429	DE201660055892T	20160205
EP3403907 A1	20181121	EP20160889318	20160205
EP3403907 A4	20190123	EP20160889318	20160205
EP3403907 B1	20210407	EP20160889318	20160205
JP2017134833 A1	20181025	JP20170565381T	20160205
JP6561147 B1	20190814	JP20170565381T	20160205
TW201731716 A	20170916	TW20170103703	20170203
TWI622513 B	20180501	TW20170103703	20170203
US10414455 BB	20190917	US20160072667	20160205
US2019031267 AA	20190131	US20160072667	20160205
WO17134833 A1	20170810	WO2016JP53585	20160205

Priority:
EP20160889318 20160205 WO2016JP53585 20160205

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KIKUCHI YUTAKA ; NOZOE KOICHI ; SHIBUYA HIROAKI ; YAMADA KATSUHISA
Agent(s): BEDER JENS; KOH EI PATENT FIRM PC; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; MOTOYAMA SHINYA; PARATUS LAW GROUP PLLC
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
DE602016055892 D1	20210429	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP3403907 A1	20181121	LSPB	+	published / reissued	
EP3403907 A1	20181121	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20180725
EP3403907 A1	20181121		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3403907 A1	20181121		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3403907 A1	20181121		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3403907 A4	20190123	LSES	+A4	SUPPLEMENTARY	Effective date: 20190103

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EP3403907 A4	20190123		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 9/00 20060101AFI20181219BHEP
EP3403907 A4	20190123		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62H 5/00 20060101ALI20181219BHEP ClassificationScheme: IPC
EP3403907 A4	20190123		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01Q 1/32 20060101ALI20181219BHEP ClassificationScheme: IPC
EP3403907 A4	20190515		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3403907 A4	20190515		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3403907 A4	20200311	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20200205
EP3403907 A4	20200928		REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602016055892 Ref legal event code: R079 ClassificationScheme: IPC ClassificationSymbol: B62H0005000000 Text: PREVIOUS MAIN CLASS: B62J0009000000 Ref country code: DE Country of Ref document: DE
EP3403907 A4	20201014		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3403907 A4	20201104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62H 5/00 20060101AFI20200928BHEP ClassificationScheme: IPC
EP3403907 A4	20201104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01Q 1/32 20060101ALI20200928BHEP
EP3403907 A4	20201104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/23 20200101ALI20200928BHEP ClassificationScheme: IPC
EP3403907 A4	20201104		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/30 20200101ALI20200928BHEP ClassificationScheme: IPC
EP3403907 A4	20201111	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20201015
EP3403907 A4	20210215	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3403907 A4	20210305	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3403907 B1	20210407	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3403907 B1	20210407		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3403907 B1	20210407	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3403907 B1	20210415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3403907 B1	20210415	LSNP	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20210415 Kind code of Ref document: T Ref country code: AT Ref document number: 1379351

					Ref legal event code: REF Country of Ref document: AT
EP3403907 B1	20210429	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602016055892 Ref legal event code: R096 Country of Ref document: DE
EP3403907 B1	20210512	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP3403907 B1	20360205	PEXP		Calculated Patent Term Expiry	
JP2017134833 A1	20180628	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20180628 Text: JAPANESE INTERMEDIATE CODE: A523
JP2017134833 A1	20180628	LSRE	A524	WRITTEN SUBMISSION OF COPY OF AMENDMENT UNDER SECTION 19 (PCT)	Effective date: 20180628 Text: JAPANESE INTERMEDIATE CODE: A527
JP2017134833 A1	20180628	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20180628
JP2017134833 A1	20181025	LSPB	+	published / reissued	
JP2017134833 A1	20190621	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2017134833 A1	20190625	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20190625 Text: JAPANESE INTERMEDIATE CODE: A01
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JP2017134833 A1	20190726	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6561147 Country of Ref document: JP
JP6561147 B1	20190627	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6561147 B1	20190723	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6561147 B1	20190726	LSGT	+R150	特許証 (Patent certificate)	
JP6561147 B1	20190814	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6561147 B1	20360205	PEXP		Calculated Patent Term Expiry	
TW201731716 A	20170916	LSPB	+	published / reissued	
TWI622513 B	20180501	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI622513 B	20210201	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	
TWI622513 B	20370203	PEXP		Calculated Patent Term Expiry	
US10414455 BB	20180725	LSAS	AS	ASSIGNMENT	Effective date: 20180710 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:NOZOE, KOICHI;KIKUCHI, YUTAKA;SHIBUYA, HIROAKI;AND OTHERS;REEL/FRAME:046626/0018 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US10414455 BB	20180725	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY

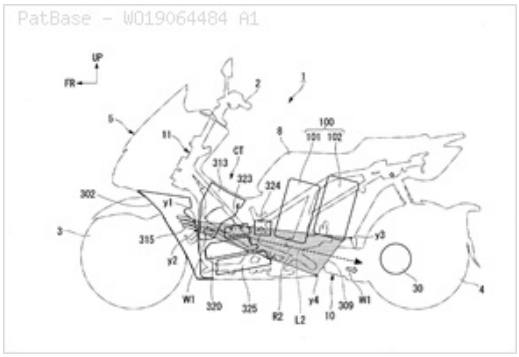
US10414455 BB	20190828	LSGT	PAT1	Patented Case	
US10414455 BB	20190917	LSGT	+	granted / extensions (spc, cpc, pte)	
US10414455 BB	20360205	PEXP		Calculated Patent Term Expiry	
US2019031267 AA	20181031		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2019031267 AA	20190131	LSPB	+	published / reissued	
US2019031267 AA	20190313		RFE1	Docketed New Case - Ready for Examination	
US2019031267 AA	20190313		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2019031267 AA	20190531	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019031267 AA	20190531		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019031267 AA	20190806	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2019031267 AA	20190806		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT RECEIVED
US2019031267 AA	20190812	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2019031267 AA	20190812		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2019031267 AA	20190828	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
WO17134833 A1	20170810	LSPB	+	published / reissued	
WO17134833 A1	20171004		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 16889318 Country of Ref document: EP
WO17134833 A1	20180628	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2017565381 Country of Ref document: JP
WO17134833 A1	20180725	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2016889318 Country of Ref document: EP
WO17134833 A1	20180803	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20180725 Ref document number: 2016889318 Country of Ref document: EP
WO17134833 A1	20180807	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE

70) Family number: 73838514 (WO19064484 A1)

Title: **SADDLE** RIDING-TYPE ELECTRIC VEHICLE

Abstract: A **saddle** riding-type electric vehicle (1, 1A, 1B) is provided with a vehicle-driving electric motor (30), a battery (100) for supplying power to the electric motor (30), a power control unit (320) for controlling the electric motor (30), a **seat** (8) where a rider sits, a step floor (9) which is located in front of and below the **seat** (8) and on which the rider **seated** on the **seat** (8) places the feet, and a center tunnel (CT) extending in a vehicle front/rear direction at a left/right middle section of the step floor (9), wherein the power control unit (320) is disposed in the interior of the center tunnel (CT), the battery (100) is disposed below the **seat** (8), and the power control unit (320) and the battery (100) are disposed so as not to overlap with one another as seen in plan view.

Classifications:
International (IPC 8-9): B60K1/00 B60K1/04 B62D25/20 B62J11/00 B62J25/00 B62J41/00 B62J43/10 B62J43/16 B62J43/20 B62J43/23 B62J45/00 B62J9/00 B62J9/10 B62J9/14 B62K11/10 B62M6/45 B62M6/80 B62M6/90 B62M7/02 B62M7/12
CPC: B62J11/00 B62J9/00 B62M7/12



Family:

Publication number	Publication date	Application number	Application date
CN111247060 A	20200605	CN201780095194	20170929
IN202047010522 A	20200320	IN202047010522	20200312
JP2019064484 A1	20200618	JP20190544090T	20170929
JP6852174 B1	20210407	JP20190544090T	20170929
WO19064484 A1	20190404	WO2017JP35442	20170929

Priority:
WO2017JP35442 20170929

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): ICHIKAWA HIROKI ; ISHIKAWA JUN ; KOBAYASHI YOSHITAKA ; KURAMOCHI AKIRA ; OKUBO KATSUYUKI ; SHIMAMURA TOSHIFUMI ; TSUJI KAZUO ; YAMAGUCHI TAKAFUMI
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111247060 A	20200605	LSPB	+	published / reissued	
CN111247060 A	20200605	LSPB	PB01	PUBLICATION	
CN111247060 A	20200605	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111247060 A	20200630		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111247060 A	20200630		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
IN202047010522 A	20200320	LSPB	+	published / reissued	
JP2019064484 A1	20200618	LSPB	+	published / reissued	
JP2019064484 A1	20210219	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064484 A1	20210302	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210302 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019064484 A1	20210302	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210302
JP2019064484 A1	20210312	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE

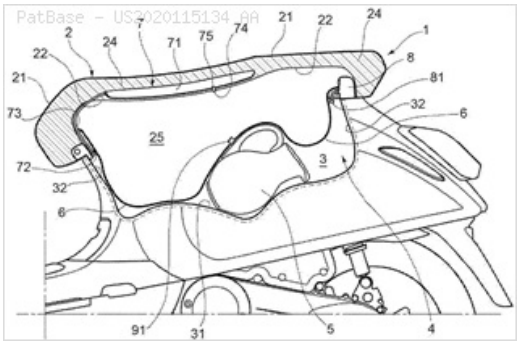
					CODE: A61 Effective date: 20210310
JP2019064484 A1	20210312	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210310
JP2019064484 A1	20210312	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6852174 Country of Ref document: JP
JP6852174 B1	20210407	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6852174 B1	20370929	PEXP		Calculated Patent Term Expiry	
WO19064484 A1	20190404	LSPB	+	published / reissued	
WO19064484 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17926920 Country of Ref document: EP
WO19064484 A1	20190912		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19064484 A1	20200107	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019544090 Country of Ref document: JP
WO19064484 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064484 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 17926920 Country of Ref document: EP

71) Family number: 70716339 (US2020115134 AA)

Title: ASSEMBLY COMPRISING A **SADDLE** AND AN UNDERSADDLE COMPARTMENT FOR A **MOTORCYCLE**, PROVIDED WITH AN OBJECT BLOCKING SYSTEM FOR BLOCKING AN OBJECT IN THE UNDERSADDLE COMPARTMENT

Abstract: An assembly includes a **saddle** and an undersaddle compartment for a **motorcycle**. The undersaddle compartment includes a container body having an access opening and a bottom joined to a side wall. The **saddle** has a first face shaped for the **seat** of a driver and an opposite second face. The **saddle** connects to the undersaddle compartment and allows access to the undersaddle compartment and to the container body in an open configuration. An inflatable member fastened to the second face has a resting configuration, in which the inflatable member is deflated and allows an object to be inserted into the container body; and an expanded configuration to block the object in the container body against the side wall, bottom and/or the second face. An inflation device connects to and expands the inflatable member. A release device connects to the inflatable member to deflate the inflatable member.

Classifications:
International (IPC 8-9): B62J1/12 B62J9/00 B62K19/46 B65D81/107
CPC: B62J1/12 B62K19/46 B62K2202/00 B65D81/1075



Family:

Publication number	Publication date	Application number	Application date
EP3577018 A1	20191211	EP20180705976	20180126
IT201700010188 A1	20180731	IT201710000010188	20170131
JP2020505259 T2	20200220	JP20190531902T	20180126
US2020115134 AA	20200416	US20180482192	20180126
WO18142252 A1	20180809	WO2018IB50487	20180126

Priority:
IT201710000010188 20170131 WO2018IB50487 20180126

Probable Assignee: PIAGGIO AND C SPA

Assignee(s): (std): PIAGGIO AND C SPA

Inventor(s): (std): SANTUCCI MARIO DONATO

Agent(s): CARANGELO PIERLUIGI; PIPOLI MASSIMO ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
EP3577018 A1	20180302		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: UNKNOWN
EP3577018 A1	20180811		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3577018 A1	20191108		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3577018 A1	20191108		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE

				EP PATENT	
EP3577018 A1	20191211	LSPB	+	published / reissued	
EP3577018 A1	20191211	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20190604
EP3577018 A1	20191211		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3577018 A1	20191211		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD TN
EP3577018 A1	20191211		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3577018 A1	20200506		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3577018 A1	20200506		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3577018 A1	20200821		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP3577018 A1	20200923	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20200824
EP3577018 A1	20210625		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE APPLICATION IS DEEMED TO BE WITHDRAWN
IT201700010188 A1	20180731	LSPB	+	published / reissued	
JP2020505259 T2	20200220	LSPB	+	published / reissued	
JP2020505259 T2	20201015	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20201015 Text: JAPANESE INTERMEDIATE CODE: A523
JP2020505259 T2	20201015		A523	手続補正書 (Written amendment)	Effective date: 20201015
JP2020505259 T2	20201015	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20201015 Text: JAPANESE INTERMEDIATE CODE: A621
JP2020505259 T2	20201015	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20201015
JP2020505259 T2	20201015		A781	上申書 (Appeal)	Effective date: 20201015
JP2020505259 T2	20201015		A781	上申書 (Written Statement)	
JP2020505259 T2	20210625		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20210624
JP2020505259 T2	20210625		A977	REPORT ON RETRIEVAL	Effective date: 20210624 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2020505259 T2	20210706	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20210706 Text: JAPANESE INTERMEDIATE CODE: A131
JP2020505259 T2	20210706	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20210706
US2020115134 AA	20190730	LSAS	AS	ASSIGNMENT	Effective date: 20190624 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SANTUCCI, MARIO

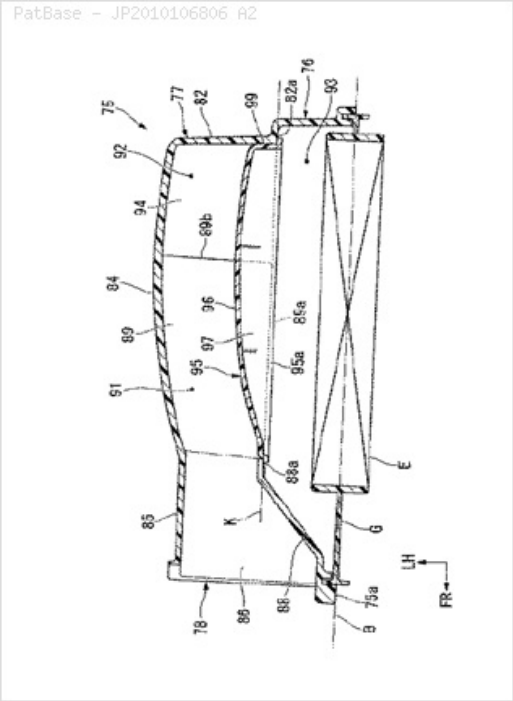
					DONATO;REEL/FRAME:049913/0042 Owner: PIAGGIO & C. S.P.A., ITALY PartyType: owner
US2020115134 AA	20200116		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2020115134 AA	20200116		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2020115134 AA	20200416	LSPB	+	published / reissued	
WO18142252 A1	20180809	LSPB	+	published / reissued	
WO18142252 A1	20181128		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 18705976 Country of Ref document: EP
WO18142252 A1	20190614	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019531902 Country of Ref document: JP
WO18142252 A1	20190801	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO18142252 A1	20190906	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Effective date: 20190902 Ref document number: 2018705976 Country of Ref document: EP

72) Family number: 45053962 (JP2010106806 A2)

Title: AIR CLEANER DEVICE FOR **SADDLE** -RIDE TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To efficiently suck air by enlarging an intake flow passage just before an air cleaner element, in an air cleaner device for a **saddle** -ride type vehicle provided with a separator defining a flow passage bent to the dirty side of an air cleaner case. SOLUTION: The separator 95 defines an intake air introducing passage 91 on an inlet port 78 and a right internal space 93 on the side of the air cleaner element E. The separator 95 includes a short flange 95a provided on its periphery along a flat reference surface K. The short flange 95a is connected to and supported by the air cleaner case, and also the separator 95 bulges toward the intake air introducing passage 91 with respect to the reference surface K for enlarging the right internal space 93.

Classifications:
International (IPC 8-9): F02M35/00 F02M35/02 F02M35/024 F02M35/08 F02M35/16
International (IPC 1-7): F02M35/024 F02M35/08



Family:

Publication number	Publication date	Application number	Application date
CN101725442 A	20100609	CN200910206880	20091027
CN101725442 B	20121031	CN200910206880	20091027
IN02615CH2009 A	20100611	IN2009CH02615	20091028
IN268684 B	20150911	IN2009CH02615	20091028
JP2010106806 A2	20100513	JP20080281808	20081031
JP5186333 B2	20130417	JP20080281808	20081031
TH104294 A	20100924	TH20091003871	20090828
TH46155 B	20150930	TH20091003871	20090828
VN11712 A1	20131025	VN20090002287	20091027

Priority:
JP20080281808 20081031

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA GIKEN KOGYO K K ; HONDA GIKEN KOGYO KABUSIKI KAISHA
Inventor(s): (std): AOYANAGI HIDEKI ; CHIKASU SUDA ; EIKI AOYAGI ; SUDA TOMOKATSU
Inventor(s): AOYAGI EIKI ; AOYAGI HIDEKI ; SUDA CHIKASU

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN101725442 A	20100609	LSPB	+	published / reissued	
CN101725442 A	20100609	LSPB	+C06	PUBLICATION	
CN101725442 A	20100811		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN101725442 B	20121031	LSGT	+	granted / extensions (spc, cpc, pte)	
CN101725442 B	20121031	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN101725442 B	20291027	PEXP		Calculated Patent Term Expiry	
IN02615CH2009 A	20100611	LSPB	+	published / reissued	
IN268684 B	20150911	LSGT	+	granted / extensions (spc, cpc,	

				pte)	
IN268684 B	20291028	PEXP		Calculated Patent Term Expiry	
JP2010106806 A2	20100513	LSPB	+	published / reissued	
JP2010106806 A2	20101127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20101126 Text: JAPANESE INTERMEDIATE CODE: A621
JP2010106806 A2	20120127		A977	REPORT ON RETRIEVAL	Effective date: 20120126 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2010106806 A2	20120229	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20120228 Text: JAPANESE INTERMEDIATE CODE: A131
JP2010106806 A2	20120427	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20120426 Text: JAPANESE INTERMEDIATE CODE: A523
JP2010106806 A2	20121217	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2010106806 A2	20121225	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20121221
JP2010106806 A2	20130124	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20130121 Text: JAPANESE INTERMEDIATE CODE: A61
JP2010106806 A2	20130125	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP2010106806 A2	20130125	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5186333 Country of Ref document: JP
JP2010106806 A2	20130128	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 3
JP5186333 B2	20121227	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5186333 B2	20121227	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20121221
JP5186333 B2	20130122	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5186333 B2	20130122	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51300113783 Effective date: 20130121
JP5186333 B2	20130125	LSGT	+R150	特許証 (Patent certificate)	
JP5186333 B2	20130125	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20130205
JP5186333 B2	20130417	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5186333 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5186333 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20151029 Text: 51502178682
JP5186333 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5186333 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20151117
JP5186333 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5186333 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20161027 Text: 51602256225
JP5186333 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	

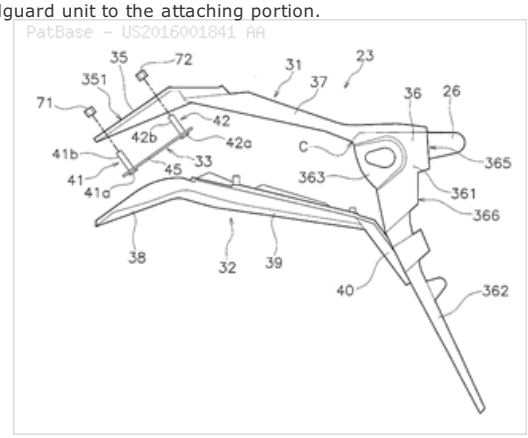
JP5186333 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20161115
JP5186333 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5186333 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51702284602 Effective date: 20171030
JP5186333 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5186333 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5186333 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5186333 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20181026 Text: 51802211954
JP5186333 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5186333 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5186333 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5186333 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51902564131 Effective date: 20191206
JP5186333 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5186333 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5186333 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5186333 B2	20281031	PEXP		Calculated Patent Term Expiry	
TH104294 A	20100924	LSPB	+	published / reissued	
TH46155 B	20150930	LSGT	+	granted / extensions (spc, cpc, pte)	
TH46155 B	20290828	PEXP		Calculated Patent Term Expiry	
VN11712 A1	20131025	LSGT	+	granted / extensions (spc, cpc, pte)	

73) Family number: 61317733 (US2016001841 AA)

Title: **SADDLE** TYPE VEHICLE

Abstract: In a **saddle** -type vehicle, a first mudguard member is made from resin, and a second mudguard member, made from resin, is a separate component from the first mudguard member. The second mudguard member is attached to the first mudguard member below the first mudguard member. A head of a bolt is sandwiched between the first mudguard member and the second mudguard member. A male screw of the bolt protrudes upward from the first mudguard member. A plurality of nuts, each mutually separate components, include a **locking** **mechanism**. The plurality of nuts are tightened onto the male screws of the bolts above an attaching portion to secure a mudguard unit to the attaching portion.

Classifications:
International (IPC 8-9): B60K17/00 B62D25/18 B62J15/00 B62J15/02 B62J15/04
CPC: B62J15/00 B62J15/02 B62J15/04
US: 1/1 280/152.1



Family:

Publication number	Publication date	Application number	Application date
BR102015003279 A2	20160712	BR20151003279	20150213
DE602014002404 D1	20160804	DE201460002404T	20141210
EP2962923 A1	20160106	EP20140197200	20141210
EP2962923 B1	20160622	EP20140197200	20141210
ES2579174 T3	20160805	ES20140197200T	20141210
ID201606433 A	20161125	ID2015P0003053	20150522
ID59802 B	20190619	ID2015P0003053	20150522
IN00001KO2015 A	20160826	IN2015KO00001	20150101
IN356942 B	20210205	IN2015KO00001	20150101
JP2016013767 A2	20160128	JP20140136635	20140702
TH148265 A	20160401	TH20151000308	20150122
TH60931 B	20180222	TH20151000308	20150122
US2016001841 AA	20160107	US20140560030	20141204
US9233727 BA	20160112	US20140560030	20141204

Priority:
JP20140136635 20140702 EP20140197200 20141210

Probable Assignee: YAMAHA HATSUDOKI KK
Assignee(s): (std): YAMAHA MOTOR CO LTD
Assignee(s): YAMAHA HATSUDOKI IWATA SHI KK ; YAMAHA HATSUDOKI KK
Inventor(s): (std): IMAMURA MITSUTOSHI
Inventor(s): IMAMURA MITSUTOSHI IWATA SHI ; MITSUTOSHI IMAMURA
Agent(s): DIPL ING ROHALDY MULUK; DIPL LNG ROHALDY MULUK; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; KEATING AND BENNETT LLP; ONO YUKIO; SHINJYU GLOBAL IP; UNGRIA JAVIER
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR102015003279 A2	20160712	LSPB	+	published / reissued	
BR102015003279 A2	20160712	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BR102015003279 A2	20181030		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST	

				ACCORDING [CHAPTER 6.6 PATENT GAZETTE]	
BR102015003279 A2	20200609		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
EP2962923 A1	20160106	LSPB	+	published / reissued	
EP2962923 A1	20160106	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20141210
EP2962923 A1	20160106		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2962923 A1	20160106		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2962923 A1	20160309		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2962923 A1	20160413	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20160317
EP2962923 B1	20160622	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2962923 B1	20160622		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2962923 B1	20160622	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2962923 B1	20160630	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2962923 B1	20160713	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2962923 B1	20160715	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Effective date: 20160715 Ref legal event code: REF Ref document number: 807489 Kind code of Ref document: T Country of Ref document: AT
EP2962923 B1	20160804	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602014002404 Ref legal event code: R096 Ref country code: DE Country of Ref document: DE
EP2962923 B1	20160805	LSGT	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T3 Ref country code: ES Ref legal event code: FG2A Effective date: 20160805 Ref document number: 2579174 Country of Ref document: ES
EP2962923 B1	20161025	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP2962923 B1	20161028		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20160622 Ref legal event code: MP Ref country code: NL
EP2962923 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: FI
EP2962923 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE	Lapsed date: 20160922 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2962923 B1	20161031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2962923 B1	20161115	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MK05 Kind code of Ref document: T Effective date: 20160622 Ref document number: 807489 Ref country code: AT Country of Ref document: AT
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: NL
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: LV
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160923 Country of Ref document: GR
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: RS
EP2962923 B1	20161130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: SE
EP2962923 B1	20161222	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Ref country code: FR Year of fee payment: 3 Country of Ref document: FR
EP2962923 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 Country of Ref document: EE
EP2962923 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20161022 Country of Ref document: IS
EP2962923 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2962923 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: CZ
EP2962923 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: RO
EP2962923 B1	20170131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20161213 Year of fee payment: 3 Country of Ref document: DE
EP2962923 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: AT
EP2962923 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2962923 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20161024 Country of Ref document: PT
EP2962923 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP2962923 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: BE
EP2962923 B1	20170228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20161222 Year of fee payment: 3 Country of Ref document: FR
EP2962923 B1	20170228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20161213 Year of fee payment: 3 Country of Ref document: ES
EP2962923 B1	20170228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 3 Payment date: 20161231 Country of Ref document: IT
EP2962923 B1	20170323	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602014002404 Ref country code: DE Country of Ref document: DE
EP2962923 B1	20170531	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20170323
EP2962923 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: DK
EP2962923 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2962923 B1	20170929	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2962923 B1	20171004	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A

EP2962923 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20161210 Country of Ref document: LU
EP2962923 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20161210 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2962923 B1	20171221	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 4 Ref legal event code: PLFP Ref country code: FR
EP2962923 B1	20180131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171211 Country of Ref document: DE
EP2962923 B1	20180131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20171221 Year of fee payment: 4 Country of Ref document: FR
EP2962923 B1	20180228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171231 Country of Ref document: IT
EP2962923 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180124 Year of fee payment: 4 Country of Ref document: ES
EP2962923 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20141210 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Country of Ref document: HU
EP2962923 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP2962923 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE

				VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2962923 B1	20180731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: BG
EP2962923 B1	20180731	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2962923 B1	20180928	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20161210 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MT
EP2962923 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160622 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP2962923 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160622 Country of Ref document: AL
EP2962923 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20171231 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2962923 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20171231 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2962923 B1	20190131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181210 Year of fee payment: 5 Country of Ref document: DE
EP2962923 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20181218 Country of Ref document: GB

EP2962923 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20181221 Country of Ref document: FR
EP2962923 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181220 Year of fee payment: 5 Country of Ref document: IT
EP2962923 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190123 Year of fee payment: 5 Country of Ref document: ES
EP2962923 B1	20200131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20191210 Country of Ref document: DE
EP2962923 B1	20200228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20191230 Country of Ref document: IT
EP2962923 B1	20200228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20191220 Country of Ref document: FR
EP2962923 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200121 Year of fee payment: 6 Country of Ref document: ES
EP2962923 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20191220 Country of Ref document: GB
EP2962923 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL	Year of fee payment: 7 Payment date: 20201223 Country of Ref document: GB

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EP2962923 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20201223 Country of Ref document: FR
EP2962923 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201211 Year of fee payment: 7 Country of Ref document: DE
EP2962923 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20201224 Country of Ref document: IT
EP2962923 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20210223 Country of Ref document: ES
EP2962923 B1	20341210	PEXP		Calculated Patent Term Expiry	
ES2579174 T3	20160805	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2579174 T3	20341210	PEXP		Calculated Patent Term Expiry	
ID201606433 A	20161125	LSPB	+	published / reissued	
ID59802 B	20190619	LSGT	+	granted / extensions (spc, cpc, pte)	
ID59802 B	20350522	PEXP		Calculated Patent Term Expiry	
IN00001KO2015 A	20160826	LSPB	+	published / reissued	
IN356942 B	20210205	LSGT	+	granted / extensions (spc, cpc, pte)	
IN356942 B	20350101	PEXP		Calculated Patent Term Expiry	
JP2016013767 A2	20160128	LSPB	+	published / reissued	
TH148265 A	20160401	LSPB	+	published / reissued	
TH60931 B	20180222	LSGT	+	granted / extensions (spc, cpc, pte)	
TH60931 B	20350122	PEXP		Calculated Patent Term Expiry	

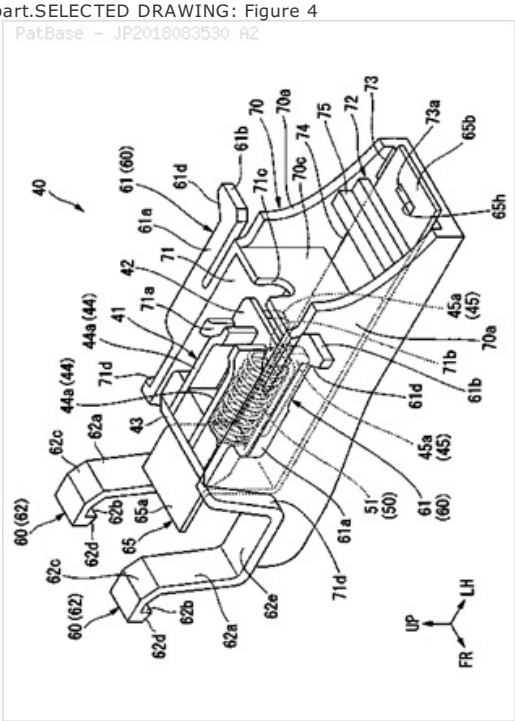
US2016001841 AA	20160107	LSPB	+	published / reissued	
US9233727 BA	20141204	LSAS	AS	ASSIGNMENT	PartyType: owner Owner: YAMAHA HATSUDOKI KABUSHIKI KAISHA, JAPAN OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:IMAMURA, MITSUTOSHI;REEL/FRAME:034374/0887 Effective date: 20141128
US9233727 BA	20151222	LSGT	PAT1	Patented Case	
US9233727 BA	20151222	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9233727 BA	20160112	LSGT	+	granted / extensions (spc, cpc, pte)	
US9233727 BA	20190702	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9233727 BA	20341204	PEXP		Calculated Patent Term Expiry	

74) Family number: 69952528 (JP2018083530 A2)

Title: **LOCK** STRUCTURE OF **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To reduce the number of parts and improve workability in a **lock** structure of a **saddle** -riding type vehicle.SOLUTION: A **lock** structure of a **saddle** -riding type vehicle enables fixing and releasing of a cover part for covering openably and closably the opening of a storage part, and the storage part. The storage part is formed with an insertion hole that allows insertion of a part of the cover part. The **lock** structure comprises: a support member 41 supporting fixably and releasably the part of the cover part inserted in the insertion hole; a moving **mechanism** 50 that enables the support member 41 to move between a fixing position for fixing the part of the cover part and a releasing position for releasing the fixing of the part of the cover part; and an engagement portion 60 engaging and supporting the support member 41 and the moving **mechanism** 50 on the storage part.SELECTED DRAWING: Figure 4

Classifications:
International (IPC 8-9): B62J1/00 B62J1/12 B62K19/46 E05B83/00 E05C1/12



Family:

Publication number	Publication date	Application number	Application date
ID201805751 A	20180531	ID2017P0007744	20171102
ID73450 B	20201207	ID2017P0007744	20171102
IN201714041640 A	20180601	IN201714041640	20171121
JP2018083530 A2	20180531	JP20160227805	20161124
TH182297 A	20181220	TH20171006888	20171121

Priority:

JP20160227805 20161124

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Inventor(s): (std): KIKUNO JUNJI ; MINE KEIGO ; MIYAZAWA YOSHIYUKI ; OKAMOTO MAYUMI ; TAKANO MASAMI

Inventor(s): JUNJI KIKUNO ; KEIGO MINE ; MASAYOSHI TAKANO ; MAYUMI OKAMOTO ; TAKANO MASAYOSHI ; YOSHIYUKI MIYAZAWA

Agent(s): DRCITA CITRAWINDA SH MIP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
ID201805751 A	20180531	LSPB	+	published / reissued	
ID73450 B	20201207	LSGT	+	granted / extensions (spc, cpc, pte)	
ID73450 B	20371102	PEXP		Calculated Patent Term Expiry	
IN201714041640 A	20180601	LSPB	+	published / reissued	
JP2018083530 A2	20180531	LSPB	+	published / reissued	
JP2018083530 A2	20181005		A7423	代理人選任届 (Notification of Appointment of Agent)	Effective date: 20181005
JP2018083530 A2	20181005		RD03	NOTIFICATION OF APPOINTMENT OF POWER OF ATTORNEY	Effective date: 20181005 Text: JAPANESE INTERMEDIATE CODE: A7423
JP2018083530 A2	20181127	LSES	+A621	WRITTEN REQUEST FOR	Effective date:

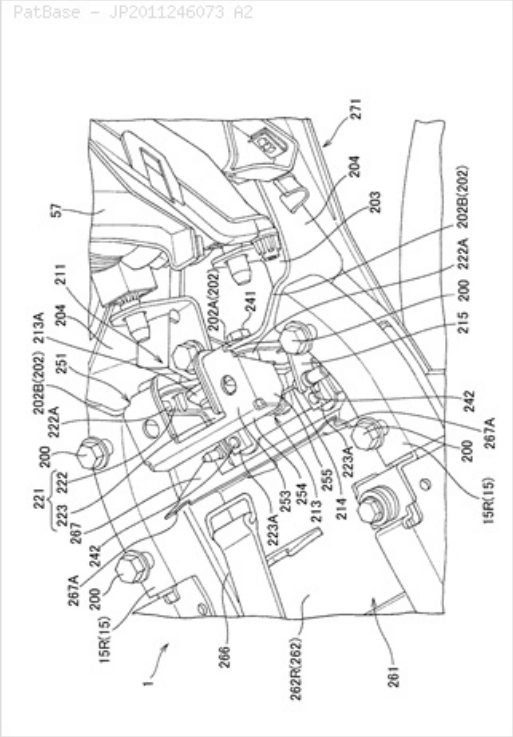
				APPLICATION EXAMINATION	20181127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2018083530 A2	20181127	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20181127
JP2018083530 A2	20191121		A971007	検索報告書 (Search Report by Registered Search Organization)	Effective date: 20191121
JP2018083530 A2	20191121		A977	REPORT ON RETRIEVAL	Effective date: 20191121 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2018083530 A2	20191203	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20191203 Text: JAPANESE INTERMEDIATE CODE: A131
JP2018083530 A2	20191203	LSES	-A131	拒絶理由通知書 (Notice of Reasons for Refusal)	Effective date: 20191203
JP2018083530 A2	20200122	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20200122 Text: JAPANESE INTERMEDIATE CODE: A523
JP2018083530 A2	20200122		A523	手続補正書 (Written amendment)	Effective date: 20200122
JP2018083530 A2	20200122		A53	意見書 (Written opinion)	Effective date: 20200122
JP2018083530 A2	20200707	LSRV	-A02	DECISION OF REFUSAL	Effective date: 20200707 Text: JAPANESE INTERMEDIATE CODE: A02
JP2018083530 A2	20200707	LSRV	-A02	拒絶査定 (Rejection assessment)	Effective date: 20200707
TH182297 A	20181220	LSPB	+	published / reissued	

75) Family number: 50251107 (JP2011246073 A2)

Title: **SADDLE** RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a compact **saddle** riding type vehicle which prevents mischief to a **seat** catch **mechanism** without enlarging a cross member.SOLUTION: A **seat** catch plate 221 of the **seat** catch **mechanism** 211 is fixed in front of a front wall portion 202 of the cross member which connects right and left **seat** rails 15 at the rear of the **seat** rail 15. A front extended portion 223 which is extended to the front side, is formed at the lower end of the **seat** catch plate 221. The front extended portion 223 is structured to cover the **mechanism** portion 213 arranged on the **seat** catch plate 221 from the below.

Classifications:
International (IPC 8-9): B62J1/12 B62J1/28 B62J15/00 B62J15/04 B62J6/04 B62J9/00 B62K11/04 B64D
International (IPC 1-7): B62J1/12



Family:

Publication number	Publication date	Application number	Application date
BRPI1102324 A2	20130115	BR2011PI02324	20110526
BRPI1102324 B1	20200901	BR2011PI02324	20110526
CN102285395 A	20111221	CN201110148180	20110525
CN102285395 B	20140702	CN201110148180	20110525
IN01340DE2011 A	20130927	IN2011DE01340	20110509
JP2011246073 A2	20111208	JP20100123427	20100528
JP5593123 B2	20140917	JP20100123427	20100528
TH118297 A	20121130	TH20111000635	20110506
TH52662 B	20161201	TH20111000635	20110506

Priority:
JP20100123427 20100528

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): IGUCHI TAKAMASA ; TAKAMASA IGUCHI

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BRPI1102324 A2	20130115	LSPB	+	published / reissued	
BRPI1102324 A2	20130115	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BRPI1102324 A2	20181226		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING [CHAPTER 6.6 PATENT GAZETTE]	
BRPI1102324 A2	20190917		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE	

				SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
BRPI1102324 A2	20200707	LSGT	B09A	DECISION: INTENTION TO GRANT [CHAPTER 9.1 PATENT GAZETTE]	
BRPI1102324 A2	20200901	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	Text: PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 26/05/2011, OBSERVADAS AS CONDICOES LEGAIS.
BRPI1102324 B1	20200901	LSGT	+	granted / extensions (spc, cpc, pte)	
BRPI1102324 B1	20310526	PEXP		Calculated Patent Term Expiry	
CN102285395 A	20111221	LSPB	+	published / reissued	
CN102285395 A	20111221	LSPB	+C06	PUBLICATION	
CN102285395 A	20120208		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102285395 B	20140702	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102285395 B	20140702	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102285395 B	20310525	PEXP		Calculated Patent Term Expiry	
IN01340DE2011 A	20130927	LSPB	+	published / reissued	
JP2011246073 A2	20111208	LSPB	+	published / reissued	
JP2011246073 A2	20121128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20121127
JP2011246073 A2	20130607	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20130606
JP2011246073 A2	20131202		A977	REPORT ON RETRIEVAL	Effective date: 20131129 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2011246073 A2	20131211	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20131210
JP2011246073 A2	20140207	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20140206 Text: JAPANESE INTERMEDIATE CODE: A523
JP2011246073 A2	20140718	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2011246073 A2	20140730	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20140729
JP2011246073 A2	20140807	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20140804 Text: JAPANESE INTERMEDIATE CODE: A61
JP2011246073 A2	20140808	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5593123 Country of Ref document: JP
JP5593123 B2	20140731	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5593123 B2	20140731	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20140729
JP5593123 B2	20140805	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5593123 B2	20140805	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51401596904 Effective date: 20140804
JP5593123 B2	20140808	LSGT	+R150	特許証 (Patent certificate)	

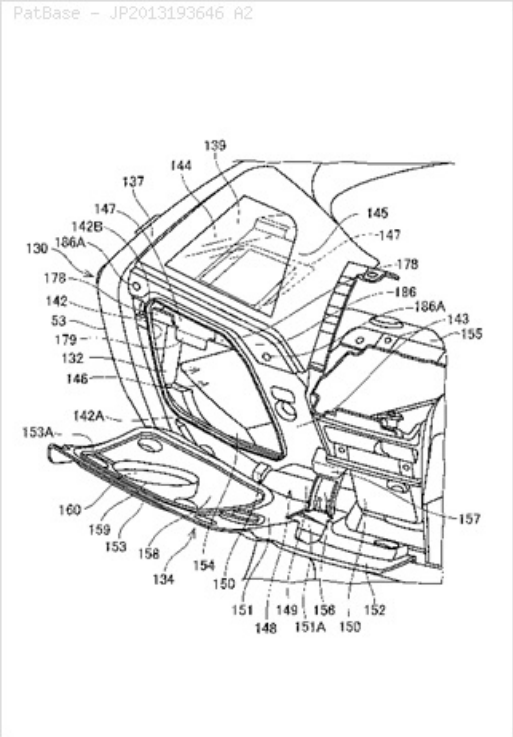
JP5593123 B2	20140808	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20140819
JP5593123 B2	20140917	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5593123 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5593123 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51700916159 Effective date: 20170426
JP5593123 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5593123 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170516
JP5593123 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5593123 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20180425 Text: 51800877424
JP5593123 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5593123 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180515
JP5593123 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5593123 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190603 Text: 51901167654
JP5593123 B2	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5593123 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5593123 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP5593123 B2	20200808	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5593123 B2	20300528	PEXP		Calculated Patent Term Expiry	
TH118297 A	20121130	LSPB	+	published / reissued	
TH52662 B	20161201	LSGT	+	granted / extensions (spc, cpc, pte)	
TH52662 B	20310506	PEXP		Calculated Patent Term Expiry	

76) Family number: 54597682 (JP2013193646 A2)

Title: HOUSING PART STRUCTURE FOR **SADDLE** RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a housing part structure for a **saddle** riding type vehicle, capable of recognizing a state of a housed material inside a housing part and easy to put in/out the housed material.SOLUTION: A housing part structure for a **saddle** riding type vehicle includes: a front cover 130 for covering a front part of a vehicle; a **seat** for an occupant to sit thereon; an article housing part 132 provided inside the front cover 130; an opening part 142 formed in a wall surface of the article housing part 132 on a **seat** side thereof; and a left side lid 134 for closing the opening part 142 freely to be opened/closed. A top surface cover 139 of the article housing part 132 is structured from a transparent member, and a tray 144 is provided adjacent to the top surface cover 139 inside the article housing part 132 arranged below the top surface cover 139. The tray 144 includes a holder 147 on which a mobile terminal P is placed, and a slide **mechanism** is provided to slidably support the holder 147 in relation to the tray 144 and to expose the holder 147 from the opening part 142 in a state that the holder 147 is slid.

Classifications:
International (IPC 8-9): B62J B62J9/00



Family:

Publication number	Publication date	Application number	Application date
IN01082CH2013 A	20141121	IN2013CH01082	20130314
IN330295 B	20200131	IN2013CH01082	20130314
ITTO20130113 A1	20130923	IT2013TO00113	20130212
JP2013193646 A2	20130930	JP20120065152	20120322
JP5912720 B2	20160427	JP20120065152	20120322
TH129856 A	20131121	TH20131000128	20130109
TH59468 B	20171218	TH20131000128	20130109
TWM459164 Y	20130811	TW20130204082U	20130306

Priority:
JP20120065152 20120322

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): MARUYAMA TOMOKAZU ; MARUYAMA TOMOYUKI ; NIIMURA HIROYUKI ; SHINMURA HIROYUKI ; YOKOUCHI KOHEI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
IN01082CH2013 A	20141121	LSPB	+	published / reissued	
IN330295 B	20200131	LSGT	+	granted / extensions (spc, cpc, pte)	
IN330295 B	20330314	PEXP		Calculated Patent Term Expiry	
ITTO20130113 A1	20130923	LSPB	+	published / reissued	
JP2013193646 A2	20130930	LSPB	+	published / reissued	
JP2013193646 A2	20141128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141127 Text: JAPANESE INTERMEDIATE

					CODE: A621
JP2013193646 A2	20150715		A977	REPORT ON RETRIEVAL	Effective date: 20150715 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2013193646 A2	20150902	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150901 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013193646 A2	20151030	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20151030 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013193646 A2	20160229	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013193646 A2	20160309	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20160308
JP2013193646 A2	20160407	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160401 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013193646 A2	20160408	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5912720 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5912720 B2	20160310	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5912720 B2	20160310	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160308
JP5912720 B2	20160405	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5912720 B2	20160405	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51600655565 Effective date: 20160401
JP5912720 B2	20160408	LSGT	+R150	特許証 (Patent certificate)	
JP5912720 B2	20160408	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160419
JP5912720 B2	20160427	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5912720 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5912720 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190227 Text: 51900425746
JP5912720 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5912720 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5912720 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5912720 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP5912720 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5912720 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5912720 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP5912720 B2	20320322	PEXP		Calculated Patent Term Expiry	
TH129856 A	20131121	LSPB	+	published / reissued	
TH59468 B	20171218	LSGT	+	granted / extensions (spc, cpc, pte)	
TH59468 B	20330109	PEXP		Calculated Patent Term Expiry	
TWM459164 Y	20130811	LSGT	+	granted / extensions (spc, cpc,	

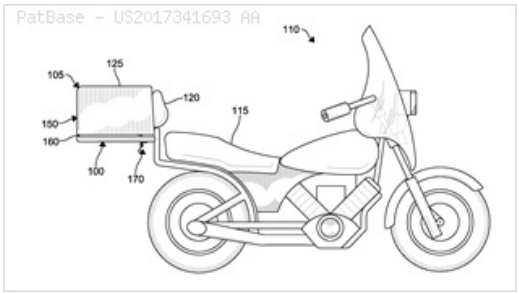
				pte)
TWM459164 Y	20200511	LSLE	-MM4K	ANNULMENT OR LAPSE OF A UTILITY MODEL DUE TO NON-PAYMENT OF FEES

77) Family number: 67652779 (US2017341693 AA)

Title: PIVOTABLE ADAPTOR FOR A **SADDLE** -TYPE **SEAT**

Abstract: A pivotable adaptor is provided for an accessory coupled to a vehicle, such as a backrest and/or baggage system, where the accessory is positioned adjacent a **saddle** -type **seat** on the vehicle. A first member is configured to couple to the vehicle and a second member is configured to couple to the accessory, where the second member is pivotably coupled to the first member and is configured to pivot away from the **saddle** -type **seat** on the vehicle. The adaptor can be used in conjunction with a pivotable accessory, a vehicle, and in a method of improving access to a **saddle** -type **seat** on a vehicle. The pivotable adaptor thereby improves access for an operator and/or a passenger with respect to a **saddle** -type **seat** on a vehicle having a backrest and/or baggage system.

Classifications:
International (IPC 8-9)**:** B62J1/28 B62J7/04
CPC: B62J1/28 B62J9/20
US: 1/1 297/215.1



Family:

Publication number	Publication date	Application number	Application date
US2017341693 AA	20171130	US20170604801	20170525

Priority:

US20160343236P 20160531 US20170604801 20170525

Probable Assignee: RZEPECKI JOSEF

Assignee(s): (std)**:** RZEPECKI JOSEF

Inventor(s): (std)**:** RZEPECKI JOSEF

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
US2017341693 AA	20171130	LSPB	+	published / reissued	
US2017341693 AA	20180126		RFE1	Docketed New Case - Ready for Examination	
US2017341693 AA	20190103	LSES	NFA1	Non Final Action Mailed	
US2017341693 AA	20190103		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2017341693 AA	20190418		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2017341693 AA	20190418		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
US2017341693 AA	20190717		FRM1	Final Rejection Mailed	
US2017341693 AA	20190717		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: FINAL REJECTION MAILED
US2017341693 AA	20200218	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2017341693 AA	20200218		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

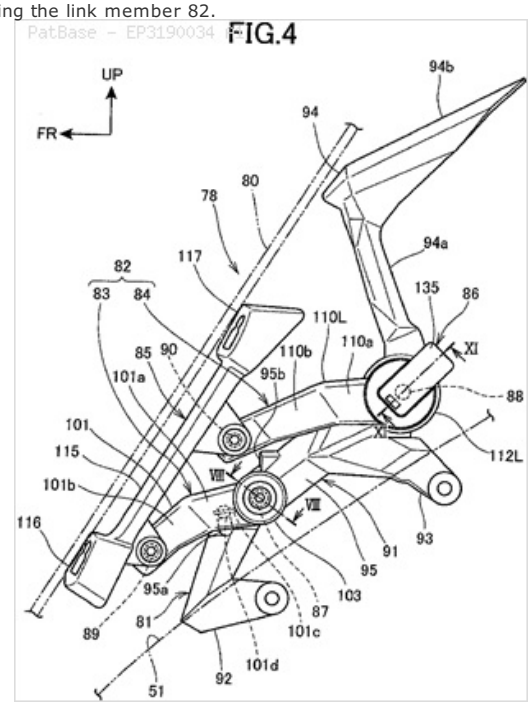
78) Family number: 66335006 (EP3190034 A1)

Title: WINDSHIELD DEVICE FOR **SADDLE** -RIDE TYPE VEHICLE

Abstract: [Problem] In a windshield device for a **saddle** -ride type vehicle, the windshield device is designed to be of a movable type and to be downsized. [Solution] In a windshield device for a **saddle** -ride type vehicle equipped with a windscreen 80 which is provided to be adjustable in height and slant about an upper shaft 88 arranged to be directed in a vehicle width direction, the windscreen 80 is mounted through a link member 82 extending from the upper shaft 88, and the link member 82 is switched between a movable state and a fixed state upon taking in and out a gear 130 in the vehicle width direction, the gear 130 being provided on the upper shaft 88 and fixing the link member 82.

Classifications:
International (IPC 8-9): B62J17/04
CPC: B62J17/04 B62J23/00

FIG.4



Family:

Publication number	Publication date	Application number	Application date
DE602017015907 D1	20200528	DE201760015907T	20170102
EP3190034 A1	20170712	EP20170150034	20170102
EP3190034 B1	20200506	EP20170150034	20170102
JP2017124808 A2	20170720	JP20160126979	20160627
JP6367263 B2	20180801	JP20160126979	20160627

Priority:

JP20160002988 20160108 JP20160126979 20160627 EP20170150034 20170102

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): MAEDA RUI ; NISHIMURA SATOSHI ; ONUKI HIROTAKA
Inventor(s): MAEDA RUI SAITAMA ; NISHIMURA SATOSHI SAITAMA ; ONUKI HIROTAKA SAITAMA
Agent(s): WEICKMANN AND WEICKMANN PARTMBB; WEICKMANN AND WEICKMANN PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
DE602017015907 D1	20200528	LSPB	+R096	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT	
EP3190034 A1	20170615		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3190034 A1	20170615		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3190034 A1	20170712	LSPB	+	published / reissued	

EP3190034 A1	20170712	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20170102
EP3190034 A1	20170712		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3190034 A1	20170712		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3190034 A1	20170712		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3190034 A1	20180216		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP3190034 A1	20180321	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20180216
EP3190034 A1	20191218		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3190034 A1	20191218		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3190034 A1	20200115	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20191219
EP3190034 A1	20200324	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP3190034 A1	20200403	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP3190034 A1	20200403		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE PATENT HAS BEEN GRANTED
EP3190034 B1	20200506	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3190034 B1	20200506		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3190034 B1	20200506	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP3190034 B1	20200515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP3190034 B1	20200515	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Effective date: 20200515 Ref document number: 1266312 Ref legal event code: REF Kind code of Ref document: T Country of Ref document: AT
EP3190034 B1	20200527	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP3190034 B1	20200528	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R096 Ref country code: DE Ref document number: 602017015907 Country of Ref document: DE
EP3190034 B1	20201012	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3190034 B1	20201014		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20200506
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200906 Country of Ref document: IS

EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200907 Country of Ref document: PT
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506 Country of Ref document: FI
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200806 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP3190034 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200807 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP3190034 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200806 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP3190034 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP3190034 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP3190034 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506 Country of Ref document:

					HR
EP3190034 B1	20201215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref document number: 1266312 Ref country code: AT Effective date: 20200506 Ref legal event code: MK05 Country of Ref document: AT
EP3190034 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3190034 B1	20201231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506 Country of Ref document: NL
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506 Country of Ref document: SM
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3190034 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506

					Country of Ref document: CZ
EP3190034 B1	20210209	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R097 Ref document number: 602017015907 Country of Ref document: DE
EP3190034 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3190034 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200506 Country of Ref document: SK
EP3190034 B1	20210312		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP3190034 B1	20210414	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20210209
EP3190034 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210121 Year of fee payment: 5 Country of Ref document: IT
EP3190034 B1	20210531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200506 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP3190034 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20201231 Country of Ref document: DE
EP3190034 B1	20370102	PEXP		Calculated Patent Term Expiry	
JP2017124808 A2	20170720	LSPB	+	published / reissued	
JP2017124808 A2	20171106		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20171106
JP2017124808 A2	20171205	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20171205 Text: JAPANESE INTERMEDIATE CODE: A131
JP2017124808 A2	20180115	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20180115
JP2017124808 A2	20180614	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2017124808 A2	20180626	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20180626 Text: JAPANESE INTERMEDIATE CODE: A01
JP2017124808 A2	20180712	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20180704
JP2017124808 A2	20180713	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6367263 Country of Ref document:

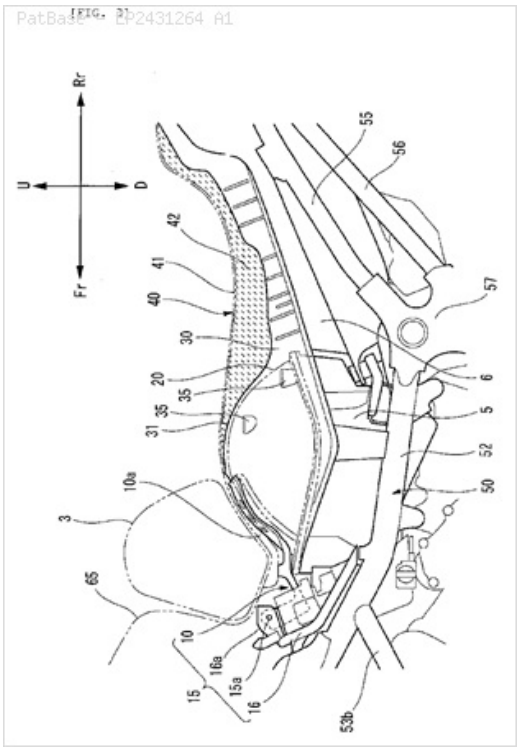
JP6367263 B2	20180628	LSGT	+A01	特許査定書 (Decision of patent grant)	JP
JP6367263 B2	20180628	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20180626
JP6367263 B2	20180710	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6367263 B2	20180710	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20180704 Text: 51801376342
JP6367263 B2	20180713	LSGT	+R150	特許証 (Patent certificate)	
JP6367263 B2	20180713	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20180724
JP6367263 B2	20180801	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6367263 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210531 Text: 52101163709
JP6367263 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP6367263 B2	20360627	PEXP		Calculated Patent Term Expiry	

79) Family number: 50791897 (EP2431264 A1)

Title: **SADDLE** RIDE-TYPE VEHICLE

Abstract: A **saddle** ride-type vehicle includes: a **seat** (40) having a **seat** skin (41), a cushion material (42) and a **seat** bottom plate (30); a storage box (5) situated under the **seat**; a hinge **mechanism** (15) for pivotally supporting the **seat** (40) turnably with respect to the vehicle body frame; and a floor tunnel portion placed in an area in front of and lower than the **seat** (40), a straddling portion (3) being formed in an area over the floor tunnel portion and in front of the **seat** (40), a lid member (20), which is a body separated from the **seat** bottom plate (30), being provided over the storage box (5); a **seat** -side hinge member (10), which is configured to turn about a rotation (15a) of the hinge **mechanism** (15), being connected to a front portion (21f) of the lid member (20); wherein the **seat** bottom plate (30) is connected to a rear portion (21b) of the lid member (20).

Classifications:
International (IPC 8-9): B62J1/04 B62J1/12 B62J9/00 B62K19/46
CPC: B62J1/12 B62K19/46 B62K2202/00



Family:

Publication number	Publication date	Application number	Application date
CN102407898 A	20120411	CN201110270606	20110914
CN102407898 B	20140618	CN201110270606	20110914
DE602011001810 D1	20130801	DE201160001810T	20110915
EP2431264 A1	20120321	EP20110181367	20110915
EP2431264 B1	20130529	EP20110181367	20110915
JP2012062030 A2	20120329	JP20100210094	20100917
JP5579000 B2	20140827	JP20100210094	20100917
TH120176 A	20130128	TH20111001667	20110823
TH51985 B	20161019	TH20111001667	20110823

Priority:
JP20100210094 20100917 EP20110181367 20110915

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): HIDEKUNI KAWASAKI ; KAWASAKI HIDEKUNI ; SHUICHI TORIKAI ; TORIKAI SHUICHI
Inventor(s): KAWASAKI HIDEKUNI SAITAMA ; TORIKAI SHUICHI KANAGAWA
Agent(s): BEDER JENS; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102407898 A	20120411	LSPB	+	published / reissued	
CN102407898 A	20120411	LSPB	+C06	PUBLICATION	
CN102407898 A	20120523		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102407898 B	20140618	LSGT	+	granted / extensions (spc,	

				cpc, pte)	
CN102407898 B	20140618	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102407898 B	20310914	PEXP		Calculated Patent Term Expiry	
DE602011001810 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
EP2431264 A1	20120321	LSPB	+	published / reissued	
EP2431264 A1	20120321	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20110915
EP2431264 A1	20120321		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2431264 A1	20120321		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2431264 A1	20121219		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 1/12 20060101AFI20121112BHEP ClassificationScheme: IPC
EP2431264 A1	20121219		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62K 19/46 20060101ALI20121112BHEP
EP2431264 A1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2431264 A1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2431264 A1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: SI
EP2431264 A1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SE
EP2431264 A1	20140228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: CZ
EP2431264 A1	20140228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2431264 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20160907 Country of Ref document: DE
EP2431264 A1	20161031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT	Year of fee payment: 6 Payment date: 20160921 Country of Ref document: IT

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EP2431264 A1	20161130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160816 Year of fee payment: 6 Country of Ref document: FR
EP2431264 B1	20130529	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2431264 B1	20130529		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2431264 B1	20130529	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2431264 B1	20130531	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2431264 B1	20130615	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref document number: 614200 Kind code of Ref document: T Effective date: 20130615 Ref legal event code: REF Country of Ref document: AT
EP2431264 B1	20130703	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2431264 B1	20130801	LSPB	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20130801 Ref document number: 602011001810 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP2431264 B1	20131015	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20130529 Ref country code: AT Ref legal event code: MK05 Kind code of Ref document: T Ref document number: 614200 Country of Ref document: AT
EP2431264 B1	20131025	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130909 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: AT
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130930 Country of Ref document: PT
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130829 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE

				OFFICE TO EPO]	PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130929 Country of Ref document: IS
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: SI
EP2431264 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: SE
EP2431264 B1	20131106	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20130529 Ref country code: NL Ref legal event code: VDEP
EP2431264 B1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130829 Country of Ref document: BG
EP2431264 B1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: RS
EP2431264 B1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: PL
EP2431264 B1	20131129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: HR
EP2431264 B1	20131231	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: LV
EP2431264 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP2431264 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2431264 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING	Lapsed date: 20130529 NotificationOfLapse: LAPSE

				STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2431264 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: CZ
EP2431264 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2431264 B1	20140228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP2431264 B1	20140228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: NL
EP2431264 B1	20140430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2431264 B1	20140507	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20140303
EP2431264 B1	20140612	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602011001810 Effective date: 20140303 Ref country code: DE Country of Ref document: DE
EP2431264 B1	20140702	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM4A Ref country code: IE
EP2431264 B1	20140731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130915 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP2431264 B1	20150430	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2431264 B1	20150529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: SM
EP2431264 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130529 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
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EP2431264 B1	20150630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE

				FROM NATIONAL OFFICE TO EPO]	PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: CY
EP2431264 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130915 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP2431264 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20140930 Country of Ref document: CH
EP2431264 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20140930 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2431264 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20110915 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Country of Ref document: HU
EP2431264 B1	20150731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: MK
EP2431264 B1	20160525	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20150915
EP2431264 B1	20160729	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20150915 Country of Ref document: GB
EP2431264 B1	20160816	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Year of fee payment: 6 Ref country code: FR Country of Ref document: FR
EP2431264 B1	20170810	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 7
EP2431264 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170912 Year of fee payment: 7 Country of Ref document: DE
EP2431264 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170925 Year of fee payment: 7 Country of Ref document: IT
EP2431264 B1	20171031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170810 Year of fee payment: 7 Country of Ref document: FR
EP2431264 B1	20180813	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 8
EP2431264 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20130529 Country of Ref document: AL

EP2431264 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180813 Year of fee payment: 8 Country of Ref document: FR
EP2431264 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180919 Year of fee payment: 8 Country of Ref document: IT
EP2431264 B1	20181031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20180904 Country of Ref document: DE
EP2431264 B1	20191031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190903 Year of fee payment: 9 Country of Ref document: DE
EP2431264 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R084 Ref document number: 602011001810 Country of Ref document: DE
EP2431264 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20190915 Country of Ref document: IT
EP2431264 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190930 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2431264 B1	20201030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 10 Payment date: 20200901 Country of Ref document: DE
EP2431264 B1	20310915	PEXP		Calculated Patent Term Expiry	
JP2012062030 A2	20120329	LSPB	+	published / reissued	
JP2012062030 A2	20121128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20121127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012062030 A2	20131213		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20131212
JP2012062030 A2	20140115	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140114 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012062030 A2	20140312	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20140311 Text: JAPANESE INTERMEDIATE CODE: A523
JP2012062030 A2	20140602	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012062030 A2	20140611	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20140610
JP2012062030 A2	20140717	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20140708
JP2012062030 A2	20140718	LSGT	+R150	CERTIFICATE OF	Text: JAPANESE INTERMEDIATE

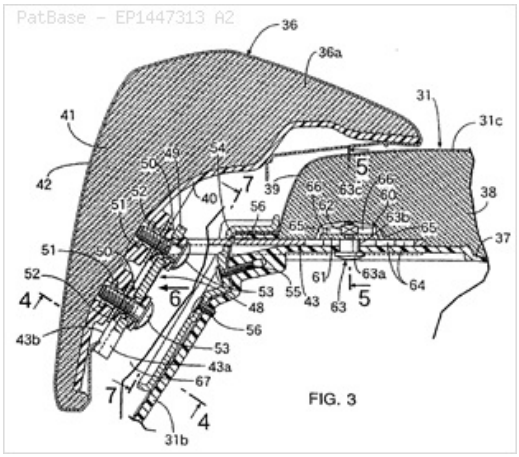
				PATENT OR REGISTRATION OF UTILITY MODEL	CODE: R150 Ref document number: 5579000 Country of Ref document: JP
JP5579000 B2	20140612	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5579000 B2	20140612	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20140610
JP5579000 B2	20140715	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5579000 B2	20140715	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51401416743 Effective date: 20140708
JP5579000 B2	20140718	LSGT	+R150	特許証 (Patent certificate)	
JP5579000 B2	20140718	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20140729
JP5579000 B2	20140827	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5579000 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5579000 B2	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51700916159 Effective date: 20170426
JP5579000 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5579000 B2	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170516
JP5579000 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5579000 B2	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51800877424 Effective date: 20180425
JP5579000 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5579000 B2	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180515
JP5579000 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5579000 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190603 Text: 51901167637
JP5579000 B2	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5579000 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5579000 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP5579000 B2	20200601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200529 Text: 52001104487
JP5579000 B2	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP5579000 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52101163709 Effective date: 20210531
JP5579000 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP5579000 B2	20300917	PEXP		Calculated Patent Term Expiry	
TH120176 A	20130128	LSPB	+	published / reissued	
TH51985 B	20161019	LSGT	+	granted / extensions (spc, cpc, pte)	
TH51985 B	20310823	PEXP		Calculated Patent Term Expiry	

80) Family number: 30782814 (EP1447313 A2)

Title: **SEAT** STRUCTURE FOR A **SADDLE** -TYPE VEHICLE

Abstract: The problem of the invention is to render increasing of supporting rigidity of a backrest unnecessary, and to effectively reduce vibration of the backrest in a **saddle** -type vehicle where a **seat** having a **seating** section and a vertical wall section rising upwards from a rear end of the **seating** section is provided at an upper rear part of a vehicle, with a backrest being provided to the front of the vertical wall section.In the invention, a dynamic damper 48 is installed at a baseplate 40 of a backrest 36.

Classifications:
International (IPC 8-9): B60N2/24 B62J1/00 B62J1/12 B62J1/28
International (IPC 1-7): B60N2/24 B62J1/12 B62J1/28
CPC: B62J1/12 B62K2202/00



Family:

Publication number	Publication date	Application number	Application date
CN1259213 C	20060614	CN200410039282	20040211
CN1524751 A	20040901	CN200410039282	20040211
DE602004016233 D1	20081016	DE200460016233T	20040210
EP1447313 A2	20040818	EP20040002948	20040210
EP1447313 A3	20070815	EP20040002948	20040210
EP1447313 B1	20080903	EP20040002948	20040210
ES2312868 T3	20090301	ES20040002948T	20040210
JP2004243822 A2	20040902	JP20030033826	20030212
JP4270899 B2	20090603	JP20030033826	20030212
TW200420462 A	20041016	TW20040103022	20040210
TWI239920 B	20050921	TW20040103022	20040210

Priority:
JP20030033826 20030212

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
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Inventor(s): (std): INAKAOKA HIROSHI ; INAOKA HIROSHI ; ISHIDA ATSUSHI ; MAEDA TETSUAKI ; NORITAKE INAOKA HIROSHI ISHIDA ; SASAKI NORIHIKO ; TAKAMI NORITAKE
Inventor(s): ATSUSHI ISHIDA ; HIROSHI INAKAOKA ; INAOKA HIROSHI ISHIDA ATSUSHI MAEDA TETSUAKI SASAKI NORIHIKO TAKAMI NORITAKE ; NORIHIKO SASAKI ; NORITAKE TAKAMI ; TETSUAKI MAEDA
Agent(s): LISKA HORST ET AL
Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN1259213 C	20060614	LSGT	+	granted / extensions (spc, cpc, pte)	
CN1259213 C	20060614	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN1259213 C	20130403	LSLE	-C17	CESSATION OF PATENT RIGHT	
CN1259213 C	20240211	PEXP		Calculated Patent Term Expiry	
CN1524751 A	20040901	LSPB	+	published / reissued	
CN1524751 A	20040901	LSPB	+C06	PUBLICATION	
CN1524751 A	20041110		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
DE602004016233 D1	20090924	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE602004016233 D1	20160901	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	

EP1447313 A2	20040702		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1447313 A2	20040818	LSPB	+	published / reissued	
EP1447313 A2	20040818		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A2 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1447313 A2	20040818		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1447313 A2	20070713	LSES	PUAL	SEARCH REPORT DESPATCHED	Text: ORIGINAL CODE: 0009013
EP1447313 A2	20160429	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20160222 Year of fee payment: 13 Country of Ref document: IT
EP1447313 A2	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170221 Year of fee payment: 14 Country of Ref document: IT
EP1447313 A3	20070815		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A3 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1447313 A3	20070815		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1447313 A3	20071226	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20071115
EP1447313 A3	20080304		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP1447313 A3	20080423	LSFE	+AKX	DESIGNATION FEES PAID	Country of Ref document: DE ES FR IT
EP1447313 A3	20080522	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP1447313 A3	20080801	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP1447313 B1	20080903	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1447313 B1	20080903		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: DE ES FR IT
EP1447313 B1	20081016		REF	CORRESPONDS TO:	Date of Ref document: 20081016 Ref document number: 602004016233 Kind code of Ref document: P Country of Ref document: DE
EP1447313 B1	20090301	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: ES Ref document number: 2312868 Ref legal event code: FG2A Kind code of Ref document: T3 Country of Ref document: ES
EP1447313 B1	20090710		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP1447313 B1	20090812	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20090604
EP1447313 B1	20120430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20120221 Country of Ref

					document: FR
EP1447313 B1	20131122	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20131031 Ref legal event code: ST Ref country code: FR
EP1447313 B1	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20130228 Country of Ref document: FR
EP1447313 B1	20141120	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602004016233 Ref legal event code: R084 Country of Ref document: DE
EP1447313 B1	20141231	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602004016233 Ref legal event code: R084 Effective date: 20141120 Ref country code: DE Country of Ref document: DE
EP1447313 B1	20150430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 12 Payment date: 20150203 Country of Ref document: DE
EP1447313 B1	20150430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 12 Payment date: 20150113 Country of Ref document: ES
EP1447313 B1	20160901	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602004016233 Ref legal event code: R119 Country of Ref document: DE
EP1447313 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160901 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP1447313 B1	20170405	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20170405 Ref country code: ES Ref legal event code: FD2A
EP1447313 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160211 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: ES
EP1447313 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 15 Payment date: 20180221 Country of Ref document: IT
EP1447313 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190221 Year of fee payment: 16 Country of Ref document: IT
EP1447313 B1	20240210	PEXP		Calculated Patent Term Expiry	
ES2312868 T3	20090301	LSGT	+	granted / extensions (spc, cpc, pte)	

ES2312868 T3	20240210	PEXP		Calculated Patent Term Expiry	
JP2004243822 A2	20040902	LSPB	+	published / reissued	
JP2004243822 A2	20051202	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20051201
JP2004243822 A2	20080626	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20080625 Text: JAPANESE INTERMEDIATE CODE: A131
JP2004243822 A2	20080819	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20080818 Text: JAPANESE INTERMEDIATE CODE: A523
JP2004243822 A2	20090130	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2004243822 A2	20090205	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20090204
JP2004243822 A2	20090212	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01
JP2004243822 A2	20090305	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20090224
JP2004243822 A2	20090306	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 3
JP2004243822 A2	20090306	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP2004243822 A2	20090306	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 4270899 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP4270899 B2	20090212	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP4270899 B2	20090212	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20090204
JP4270899 B2	20090303	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20090303	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20090224 Text: 50900374677
JP4270899 B2	20090306	LSGT	+R150	特許証 (Patent certificate)	
JP4270899 B2	20090306	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20090317
JP4270899 B2	20090603	LSGT	+	granted / extensions (spc, cpc, pte)	
JP4270899 B2	20111027	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20111027	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51102186082 Effective date: 20111026
JP4270899 B2	20111101	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 4
JP4270899 B2	20111101	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20111101	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20111108
JP4270899 B2	20121101	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 4
JP4270899 B2	20121101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20121101	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20121029 Text:

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JP4270899 B2	20121106	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20121106	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20121113
JP4270899 B2	20131031	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20131031	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51302252594 Effective date: 20131028
JP4270899 B2	20131105	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20131105	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20131112
JP4270899 B2	20141030	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20141030	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20141027 Text: 51402210955
JP4270899 B2	20141104	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20141104	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20141111
JP4270899 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20151029 Text: 51502178682
JP4270899 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20151117
JP4270899 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20161027 Text: 51602256225
JP4270899 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20161115
JP4270899 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20171030 Text: 51702284602
JP4270899 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP4270899 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP4270899 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51802211954 Effective date: 20181026
JP4270899 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP4270899 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP4270899 B2	20200306	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP4270899 B2	20230212	PEXP		Calculated Patent Term Expiry	
TW200420462 A	20041016	LSPB	+	published / reissued	
TWI239920 B	20050921	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI239920 B	20150621	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	

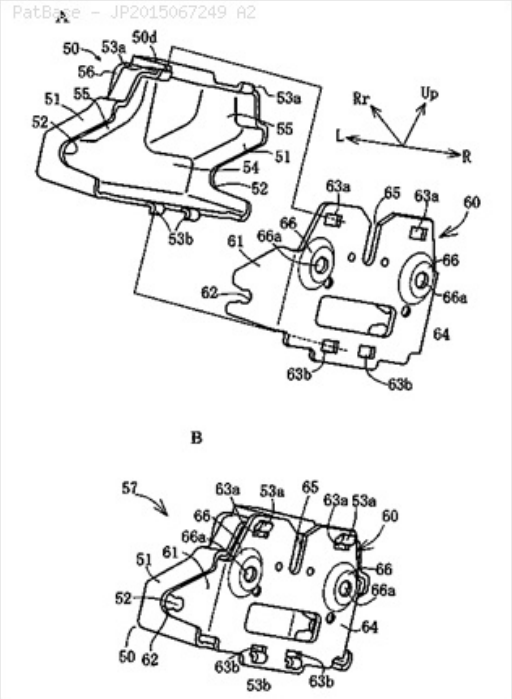
TWI239920 B	20240210	PEXP	Calculated Patent Term Expiry

81) Family number: 58973171 (JP2015067249 A2)

Title: **SEAT** **LOCK** DEVICE OF MOTOR CYCLE

Abstract: PROBLEM TO BE SOLVED: To prevent an unlock cable in a **seat** **lock** from being removed.SOLUTION: A **seat** **lock** 57 which **locks** a **seat** includes a base 60, and base side walls 61 are provided at left and right sides of the base 60. A cable groove 62 which opens to the rear side is formed in each base side wall 61 expanding its diameter, and an unlock cable for unlocking is fitted in the cable groove 62. A shield cover 50 forming a container shape is attached to a **seat** **lock** device from the rear side and prevents the unlock cable from being removed from the cable groove 62.

Classifications:
International (IPC 8-9): B60N2/42 B62J1/10 B62J1/12 B62J23/00 D05B19/16 D05B25/00 E05B71/00
International (IPC 1-7): B62J1/12
CPC: B62J1/12



Family:

Publication number	Publication date	Application number	Application date
CN104512495 A	20150415	CN201410489809	20140923
CN104512495 B	20170412	CN201410489809	20140923
ID201602237 A	20160401	ID2014P0005367	20140909
ID46197 B	20170531	ID2014P0005367	20140909
ID201601464 A	20160318	ID2014P0005826	20140926
ID50503 B	20180404	ID2014P0005826	20140926
IN01637DE2014 A	20150619	IN2014DE01637	20140617
JP2015067249 A2	20150413	JP20130205995	20130930
JP5865883 B2	20160217	JP20130205995	20130930
TH146694 A	20160304	TH20141004274	20140725
TH68465 B	20190228	TH20141004274	20140725
VN20143 A1	20181225	VN20140002049	20140623

Priority:
JP20130205995 20130930 TH20141004274 20140725

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): BROTHER KOGYO KK ; HONDA MOTOR CO
Inventor(s): (std): AKIHIRO NAKAJIMA ; KAZUNORI YOSHIMURA ; MIYAJIMA YOSHI ; NAKAJIMA AKIHIRO ; YOSHIMURA KAZUNORI ; YU MIYAJIMA
Inventor(s): NORIKAZU HAYAKAWA ; YU MIYAJ1MA
Agent(s): DR INDA CITRANINDA NOERHADI SS MA; YENNY HALIM SE SH

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN104512495 A	20150415	LSPB	+	published / reissued	
CN104512495 A	20150415	LSPB	+C06	PUBLICATION	
CN104512495 A	20150513		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN104512495 A	20170412	LSGT	+GR01	PATENT GRANT	
CN104512495 B	20170412	LSGT	+	granted / extensions (spc, cpc, pte)	
CN104512495 B	20340923	PEXP		Calculated Patent Term Expiry	
ID201601464 A	20160318	LSPB	+	published / reissued	

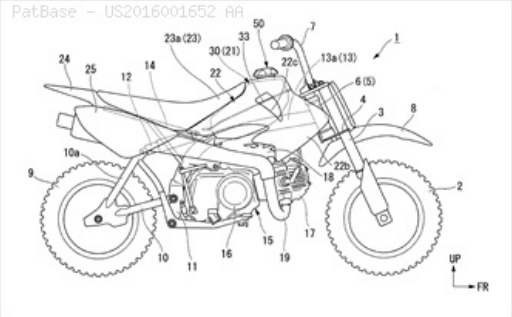
ID201602237 A	20160401	LSPB	+	published / reissued	
ID46197 B	20170531	LSGT	+	granted / extensions (spc, cpc, pte)	
ID46197 B	20340909	PEXP		Calculated Patent Term Expiry	
ID50503 B	20180404	LSGT	+	granted / extensions (spc, cpc, pte)	
ID50503 B	20340926	PEXP		Calculated Patent Term Expiry	
IN01637DE2014 A	20150619	LSPB	+	published / reissued	
JP2015067249 A2	20150413	LSPB	+	published / reissued	
JP2015067249 A2	20150513	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150512 Text: JAPANESE INTERMEDIATE CODE: A131
JP2015067249 A2	20150710	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20150710
JP2015067249 A2	20151126	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2015067249 A2	20151202	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20151201 Text: JAPANESE INTERMEDIATE CODE: A01
JP2015067249 A2	20160107	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20151228
JP2015067249 A2	20160108	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5865883 Country of Ref document: JP
JP5865883 B2	20151203	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5865883 B2	20160105	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5865883 B2	20160108	LSGT	+R150	特許証 (Patent certificate)	
JP5865883 B2	20160217	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5865883 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5865883 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5865883 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5865883 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5865883 B2	20330930	PEXP		Calculated Patent Term Expiry	
TH146694 A	20160304	LSPB	+	published / reissued	
TH68465 B	20190228	LSGT	+	granted / extensions (spc, cpc, pte)	
TH68465 B	20340725	PEXP		Calculated Patent Term Expiry	
VN20143 A1	20181225	LSGT	+	granted / extensions (spc, cpc, pte)	

82) Family number: 61317665 (US2016001652 AA)

Title: FUEL TANK STRUCTURE FOR **SADDLE** -RIDE TYPE VEHICLE

Abstract: A fuel tank structure for a **saddle** -ride vehicle for discharging fuel leaking out from a filler neck between a cover member and a fuel tank. The fuel tank structure includes a filler neck having a collar portion projecting upwardly from an upper surface of a fuel tank with a tank cap to seal the filler neck. A tank cover includes a cover opening portion into which the collar portion is inserted for covering the circumference of the filler neck. The tank cap has an extending wall portion for surrounding the outside of the collar portion and extending to a position below the cover opening portion so that fuel leaking from the filler neck is discharged through a clearance between the fuel tank and the tank cover.

Classifications:
International (IPC 8-9): B60K15/03 B60K15/04 B60K15/073 B62J35/00
CPC: B60K15/04 B60K15/0406 B60K15/073 B60K2015/03296 B60K2015/0432 B60K2015/0458 B60K2015/0474 B60K2015/0487 B60K2015/0496 B60Y2200/12 B62J35/00
US: 220/562 1/1



Family:

Publication number	Publication date	Application number	Application date
AU2015203148 AA	20160121	AU20150203148	20150612
AU2015203148 BB	20161117	AU20150203148	20150612
CA2894801 AA	20160104	CA20152894801	20150617
CA2894801 C	20170502	CA20152894801	20150617
EP2962925 A1	20160106	EP20150171646	20150611
JP2016016698 A2	20160201	JP20140138998	20140704
JP6255608 B2	20180110	JP20140138998	20140704
US2016001652 AA	20160107	US20150754074	20150629
US9789760 BB	20171017	US20150754074	20150629

Priority:
JP20140138998 20140704

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO ; MIZUKURA YUKI
Inventor(s): (std): MIZUKURA YOSHIKI ; MIZUKURA YUKI
Agent(s): BEDER JENS; BRICH STEWART KOLASCH AND BIRCH LLP; DENNISON ASSOCIATES; SPRUSON AND FERGUSON
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2015203148 AA	20160121	LSPB	+	published / reissued	
AU2015203148 BB	20161117	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2015203148 BB	20170316	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2015203148 BB	20210121	LSLE	-MK14	PATENT CEASED SECTION 143(A) (ANNUAL FEES NOT PAID) OR EXPIRED	
AU2015203148 BB	20350612	PEXP		Calculated Patent Term Expiry	
CA2894801 AA	20160104	LSPB	+	published / reissued	
CA2894801 C	20170502	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2894801 C	20350617	PEXP		Calculated Patent Term Expiry	
EP2962925 A1	20160105		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED	Text: ORIGINAL CODE: 0009012

				INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	
EP2962925 A1	20160106	LSPB	+	published / reissued	
EP2962925 A1	20160106	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20150611
EP2962925 A1	20160106		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2962925 A1	20160106		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA
EP2962925 A1	20160106		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2962925 A1	20181102		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP2962925 A1	20181205	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20181025
JP2016016698 A2	20160201	LSPB	+	published / reissued	
JP2016016698 A2	20161129	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20161129 Text: JAPANESE INTERMEDIATE CODE: A621
JP2016016698 A2	20170720		A977	REPORT ON RETRIEVAL	Effective date: 20170720 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2016016698 A2	20170822	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20170822
JP2016016698 A2	20171020	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20171020
JP2016016698 A2	20171031	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2016016698 A2	20171107	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20171107 Text: JAPANESE INTERMEDIATE CODE: A01
JP2016016698 A2	20171124	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20171114
JP2016016698 A2	20171215	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6255608 Country of Ref document: JP
JP6255608 B2	20171109	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6255608 B2	20171109	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20171107
JP6255608 B2	20171121	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6255608 B2	20171121	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20171114 Text: 51702387244
JP6255608 B2	20171215	LSGT	+R150	特許証 (Patent certificate)	
JP6255608 B2	20171215	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20171226
JP6255608 B2	20180110	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6255608 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001777134 Effective date: 20200831
JP6255608 B2	20200902	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200925
JP6255608 B2	20340704	PEXP		Calculated Patent	

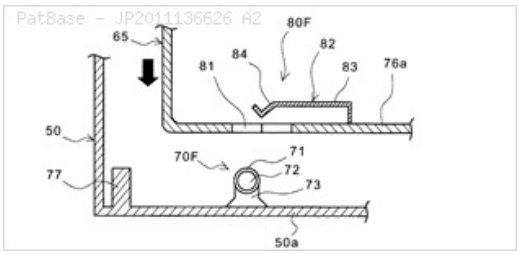
				Term Expiry	
US2016001652 AA	20160107	LSPB	+	published / reissued	
US2016001652 AA	20170315		FRM1	Final Rejection Mailed	
US2016001652 AA	20170616	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2016001652 AA	20170915	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2016001652 AA	20170918	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2016001652 AA	20170927	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9789760 BB	20150710	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:MIZUKURA, YUKI;REEL/FRAME:036054/0901 PartyType: owner Effective date: 20150625 Owner: HONDA MOTOR CO., LTD., JAPAN
US9789760 BB	20170927	LSGT	PAT1	Patented Case	
US9789760 BB	20171017	LSGT	+	granted / extensions (spc, cpc, pte)	
US9789760 BB	20210331	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9789760 BB	20351005	PEXP		Calculated Patent Term Expiry (PTA 98 days)	

83) Family number: 49162407 (JP2011136626 A2)

Title: **SADDLE** -RIDE TYPE ELECTRIC VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a **saddle** -ride type electric vehicle including an attachable and detachable charger, which allows a reliable attaching and detaching operation on a vehicle. SOLUTION: A two-wheeled electric vehicle 1 with a containing box 50 provided on a lower portion of an openable and closable **seat** 21 includes: a charger 65 of a battery 41; vehicle-side **locking** means 70F, 70R provided on a bottom portion of the containing box 50; and charger-side **locking** means 80F, 80R provided on a bottom portion of the charger 65. The vehicle-side **locking** means 70F, 70R and the charger-side **locking** means 80F, 80R are **locked** to each other to hold the charger 65. Before the charger 65 is held at a predetermined position, the **seat** 21 is prevented from swinging to a predetermined closed state by bringing a projecting member 75 provided on a lower surface of the **seat** 21 into contact with an upper surface of the charger 65. On the other hand, the **seat** 21 is allowed to swing to the closed state by inserting the projecting member 75 into a gap generated by holding the charger 65 at the predetermined position.

Classifications:
International (IPC 8-9): B60L11/00 B62J11/00 B62J9/00 B62K11/00 B62M7/00 H02J7/00



Family:

Publication number	Publication date	Application number	Application date
CN102107706 A	20110629	CN201010605646	20101224
CN102107706 B	20140122	CN201010605646	20101224
IN03958CH2010 A	20110923	IN2010CH03958	20101224
IN311481 B	20190426	IN2010CH03958	20101224
JP2011136626 A2	20110714	JP20090297261	20091228
JP5197563 B2	20130515	JP20090297261	20091228

Priority:
JP20090297261 20091228

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA GIKEN KOGYO KABUSIKI KAISHA ; HONDA MOTOR CO

Inventor(s): (std): HATSUKAWA YAMANAKA ; HIDEYOSHI NAKAGAWA ; HOSODA TETSUO ; HOSODA TETSURO ; MAKOTO SATO ; NAKAGAWA EIRYO ; NAKAGAWA HIDEYOSHI ; SATO MAKOTO ; SUZUKI YOSHIHIKO ; SUZUKI ZENHIKO ; TETSURO HOSODA ; YAMANAKA HATSUKAWA ; YAMANAKA NORIZUMI ; ZENHIKO SUZUKI

Inventor(s): NAKAGAWA HIDEAKI ; SATO RYO ; YAMANAKA TAKASUMI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN102107706 A	20110629	LSPB	+	published / reissued	
CN102107706 A	20110629	LSPB	+C06	PUBLICATION	
CN102107706 A	20110810		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102107706 B	20140122	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102107706 B	20140122	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102107706 B	20301224	PEXP		Calculated Patent Term Expiry	
IN03958CH2010 A	20110923	LSPB	+	published / reissued	
IN311481 B	20190426	LSGT	+	granted / extensions (spc, cpc, pte)	
IN311481 B	20301224	PEXP		Calculated Patent Term Expiry	
JP2011136626 A2	20110714	LSPB	+	published / reissued	
JP2011136626 A2	20111125	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20111124 Text: JAPANESE INTERMEDIATE CODE: A621
JP2011136626 A2	20120519	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20120518 Text: JAPANESE INTERMEDIATE CODE: A523
JP2011136626 A2	20121019		A977	REPORT ON RETRIEVAL	Effective date: 20121018 Text: JAPANESE INTERMEDIATE CODE: A971007

JP2011136626 A2	20121025	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20121024 Text: JAPANESE INTERMEDIATE CODE: A131
JP2011136626 A2	20121214	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20121213 Text: JAPANESE INTERMEDIATE CODE: A523
JP2011136626 A2	20130121	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2011136626 A2	20130131	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20130130 Text: JAPANESE INTERMEDIATE CODE: A01
JP2011136626 A2	20130214	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20130205
JP2011136626 A2	20130215	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 3
JP2011136626 A2	20130215	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP2011136626 A2	20130215	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5197563 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5197563 B2	20130207	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5197563 B2	20130207	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20130130
JP5197563 B2	20130212	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5197563 B2	20130212	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20130205 Text: 51300232961
JP5197563 B2	20130215	LSGT	+R150	特許証 (Patent certificate)	
JP5197563 B2	20130215	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20130226
JP5197563 B2	20130515	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5197563 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5197563 B2	20151105	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20151029 Text: 51502178682
JP5197563 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5197563 B2	20151110	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20151117
JP5197563 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5197563 B2	20161104	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20161027 Text: 51602256225
JP5197563 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5197563 B2	20161108	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20161115
JP5197563 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5197563 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51702284602 Effective date: 20171030
JP5197563 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5197563 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121

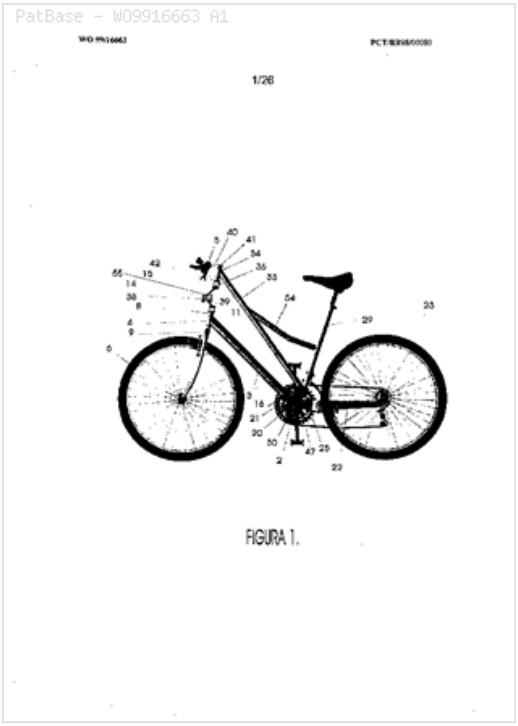
JP5197563 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5197563 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20181026 Text: 51802211954
JP5197563 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5197563 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5197563 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5197563 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206 Text: 51902564131
JP5197563 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5197563 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20201127 Text: 52002442726
JP5197563 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5197563 B2	20291228	PEXP		Calculated Patent Term Expiry	

84) Family number: 11327864 (WO9916663 A1)

Title: TWO-WHEELED VEHICLE, STEERING SYSTEM AND INTERCONNECTION KIT

Abstract: The present invention consists of a two-wheeled vehicle, which comprises three independent assemblies; a front balance assembly (3, 6, 9, 16) having a front wheel (6), a rear balance assembly (22, 23, 25) having a rear wheel (23) and a **seat**/handlebar assembly having a **seat** and a handlebar (5); each assembly comprises a structure with one piece (3, 22, 29) which respectively has a connection device (16, 25, 30) in the end; said assemblies being movably interconnected with one another by a tubular member (1, 45, 47, 54) which is inserted into said connection devices (16, 25, 30); said tubular member (1, 45, 47, 54) internally carrying a driving shaft (2) of the vehicle; wherein buffer devices (20, 21) are arranged between the pairs of said connection devices (16, 25; 25, 30; 16, 30) and a steering system (8, 11, 14, 15, 36, 38, 39) interconnects the handlebar (5) to the front wheel (6).

Classifications:
International (IPC 8-9): B62C11/00 B62K17/00 B62K19/00 B62K19/18 B62K21/00 B62K25/00 B62K25/04 B62K25/06 B62K25/08 B62K25/10 B62K25/28
International (IPC 1-7): B62C11/00 B62K19/18 B62K21/00 B62K25/00 B62K25/08 B62K25/10 B62K25/30 B62K3/00
CPC: B62K17/00 B62K21/00 B62K25/28



Family:

Publication number	Publication date	Application number	Application date
AU199893333 A1	19990423	AU19980093333	19980930
BRPI9705809 A	19990921	BR1997PI05809	19970930
BRPI9706143 A	19991130	BR1997PI06143	19971215
BRPI9706492 A	19990914	BR1997PI06492	19971230
WO9916663 A1	19990408	WO1998BR00080	19980930

Priority:

BR1997PI05809 19970930 BR1997PI06143 19971215 BR1997PI06492 19971230 WO1998BR00080 19980930

Probable Assignee: SOUSA GONCALVES RUBEM DARIO DE

Assignee(s): (std): RUBEM DARIO DE SOUSA GON ALVES ; RUBEM DARIO DE SOUSA GONCALVES ; RUBEM DARIO SOUSA GONCALVES ; SOUSA GONCALVES RUBEM DARIO DE

Assignee(s): DE SOUSA GONCALVES RUBEM DARIO ; RUBEM DARIO DE SOUSA GONxALVES

Inventor(s): (std): ALVES RUBEM DARIO DE SOUSA GON ; DE SOUSA GONCALVES RUBEM DARIO ; GONCALVES RUBEM DARIO DE SOUSA ; GONCALVES RUBEM DARIO SOUSA

Inventor(s): RUBEM DARIO DE SOUSA GONCALVES ; RUBEM DARIO DE SOUSA GONxALVES ; RUBEM DARIO SOUSA GONCALVES

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AU199893333 A1	19990423	LSPB	+	published / reissued	
AU199893333 A1	20000615	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2)(F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
BRPI9705809 A	19990921	LSPB	+	published / reissued	

BRPI9705809 A	20030408		-FB36	TECHNICAL AND FORMAL REQUIREMENTS: REQUIREMENT - ARTICLE 36 OF INDUSTRIAL PROPERTY LAW	
BRPI9705809 A	20031111	LSGT	+FF	DECISION: INTENTION TO GRANT	
BRPI9705809 A	20040203	LSGT	+FG9A	PATENT OR CERTIFICATE OF ADDITION GRANTED	
BRPI9705809 A	20110802	LSFE	B24C	PATENT ANNUAL FEE: REQUEST FOR FOR RESTORATION	Text: REFERENTE A 14A ANUIDADE(S).
BRPI9705809 A	20151124	LSLE	-B21F	LAPSE ACC. ART. 78, ITEM IV - ON NON-PAYMENT OF THE ANNUAL FEES IN TIME	Text: REFERENTE AS 14A, 15A, 16A, 17A E 18A ANUIDADES. PAGAR RESTAURACAO.
BRPI9705809 A	20160329	LSLE	-B24J	LAPSE BECAUSE OF NON-PAYMENT OF ANNUAL FEES (DEFINITIVELY: ART 78 IV LPI, RESOLUTION 113/2013 ART. 12)	Text: EM VIRTUDE DA EXTINCAO PUBLICADA NA RPI 2342 DE 24-11-2015 E CONSIDERANDO AUSENCIA DE MANIFESTACAO DENTRO DOS PRAZOS LEGAIS, INFORMO QUE CABE SER MANTIDA A EXTINCAO DA PATENTE E SEUS CERTIFICADOS, CONFORME O DISPOSTO NO ARTIGO 12, DA RESOLUCAO 113/2013.
BRPI9706143 A	19991130	LSPB	+	published / reissued	
BRPI9706143 A	20030408		-FB36	TECHNICAL AND FORMAL REQUIREMENTS: REQUIREMENT - ARTICLE 36 OF INDUSTRIAL PROPERTY LAW	
BRPI9706143 A	20030923		-FB36	TECHNICAL AND FORMAL REQUIREMENTS: REQUIREMENT - ARTICLE 36 OF INDUSTRIAL PROPERTY LAW	
BRPI9706143 A	20040113	LSGT	+FF	DECISION: INTENTION TO GRANT	
BRPI9706143 A	20040413	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	
BRPI9706143 A	20090519	LSFE	B24C	PATENT ANNUAL FEE: REQUEST FOR FOR RESTORATION	Text: REFERENTE A 10A ANUIDADE(S).
BRPI9706143 A	20110816	LSFE	+B24D	PATENT ANNUAL FEE: RESTORATION AFTER FEE PAYMENT	
BRPI9706143 A	20151124	LSLE	-B21F	LAPSE ACC. ART. 78, ITEM IV - ON NON-PAYMENT OF THE ANNUAL FEES IN TIME	Text: REFERENTE AS 14A, 15A, 16A, 17A E 18A ANUIDADES.
BRPI9706143 A	20160329	LSLE	-B24J	LAPSE BECAUSE OF NON-PAYMENT OF ANNUAL FEES (DEFINITIVELY: ART 78 IV LPI, RESOLUTION 113/2013 ART. 12)	Text: EM VIRTUDE DA EXTINCAO PUBLICADA NA RPI 2342 DE 24-11-2015 E CONSIDERANDO AUSENCIA DE MANIFESTACAO DENTRO DOS PRAZOS LEGAIS, INFORMO QUE CABE SER MANTIDA A EXTINCAO DA PATENTE E SEUS CERTIFICADOS, CONFORME O DISPOSTO NO ARTIGO 12, DA RESOLUCAO 113/2013.
BRPI9706492 A	19990914	LSPB	+	published / reissued	
BRPI9706492 A	20030218	LSES	-EG	TECHNICAL EXAMINATION (OPINION): PUBLICATION OF TECHNICAL EXAMINATION (OPINION)	
BRPI9706492 A	20030819	LSRV	-FC	DECISION:	

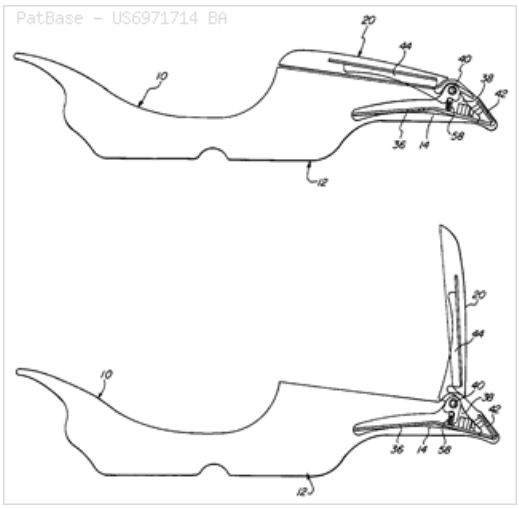
				REFUSAL	
BRPI9706492 A	20031111	LSAL	CKFC	APPEAL: APPEAL AGAINST REFUSAL	
BRPI9706492 A	20060117	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	Text: PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 30/12/1997, OBSERVADAS AS CONDICOES LEGAIS.
BRPI9706492 A	20120124	LSFE	B24C	PATENT ANNUAL FEE: REQUEST FOR FOR RESTORATION	Text: REFERENTE A 10A E 14A ANUIDADE(S).
BRPI9706492 A	20151124	LSLE	-B21F	LAPSE ACC. ART. 78, ITEM IV - ON NON-PAYMENT OF THE ANNUAL FEES IN TIME	Text: REFERENTE AS 14A, 15A, 16A, 17A E 18A ANUIDADES. PAGAR RESTAURACAO.
BRPI9706492 A	20160329	LSLE	-B24J	LAPSE BECAUSE OF NON-PAYMENT OF ANNUAL FEES (DEFINITIVELY: ART 78 IV LPI, RESOLUTION 113/2013 ART. 12)	Text: EM VIRTUDE DA EXTINCAO PUBLICADA NA RPI 2342 DE 24-11-2015 E CONSIDERANDO AUSENCIA DE MANIFESTACAO DENTRO DOS PRAZOS LEGAIS, INFORMO QUE CABE SER MANTIDA A EXTINCAO DA PATENTE E SEUS CERTIFICADOS, CONFORME O DISPOSTO NO ARTIGO 12, DA RESOLUCAO 113/2013.
WO9916663 A1	19990408	LSPB	+	published / reissued	
WO9916663 A1	19990408		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
WO9916663 A1	19990408		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AM AT AZ BE BF BJ BY CF CG CH CI CM CY DE DK ES FI FR GA GB GH GM GN GR GW IE IT KE KG KZ LS LU MC MD ML MR MW NE NL PT RU SD SE SN SZ TD TG TJ TM UG ZW
WO9916663 A1	19990609		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO9916663 A1	19990701		DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)	
WO9916663 A1	20000331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: KR
WO9916663 A1	20000803	LSWD	REG	REFERENCE TO NATIONAL CODE	Ref country code: DE Ref legal event code: 8642
WO9916663 A1	20010103	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref country code: WO
WO9916663 A1	20010330	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: CA

85) Family number: 32470114 (US6971714 BA)

Title: **MOTORCYCLE** **SEAT** WITH CONVERTIBLE BACKREST

Abstract: A convertible **motorcycle** **seat** includes a backrest hinge assembly having a base plate secured to the rear portion of the platform, and an elongated pivotable arm having transversely spaced depending ears, a pivot member extending transversely of, and journalled in upstanding ears on the base plate. The pivotable arm is pivotable into an erect position extending generally vertically and into a collapsed position extending generally forwardly of the **saddle**. The depending ears have a cam surface including a pair of spaced recesses spaced arcuately about the pivot member with a convexly arcuate lobe therebetween. An indexing pin extends transversely of the base plate, and biasing means biases the indexing pin against the cam surfaces of the depending ears and into one of the recesses whereby the pivotable arm is firmly held in an erect position or in a collapsed position.

Classifications:
International (IPC 8-9): B62D61/00 B62D61/02 B62J1/00 B62J1/02 B62J1/12 B62J1/28 B62K11/00
International (IPC 1-7): B62J1/00
CPC: B62J1/12 B62J1/28 B62J9/26 B62K11/00
US: 180/219 224/413 224/430 297/195.13 297/215.11 297/215.12 297/243 297/378.12 180/219P



Family:

Publication number	Publication date	Application number	Application date
CA2522377 AA	20060414	CA20052522377	20051005
CA2522377 C	20071120	CA20052522377	20051005
MXPA05011032 A1	20060427	MX2005PA11032	20051013
US6971714 BA	20051206	US20040965533	20041014
US2006081408 AA	20060420	US20050042554	20050124
US7290632 BB	20071106	US20050042554	20050124
US2006180373 AA	20060817	US20060384673	20060320
US7556114 BB	20090707	US20060384673	20060320

Priority:
US20040965533 20041014 US20050042554 20050124 CA20052522377 20051005 US20060384673 20060320

Probable Assignee: CORBIN PACIFIC INC
Assignee(s): (std): CORBIN PACIFIC INC ; HANAGAN MICHAEL W
Assignee(s): COMERICA BANK
Inventor(s): (std): HANAGAN MICHAEL W
Inventor(s): HANAGAN MICHAEL ; MICHAEL W HANAGAN
Agent(s): MARKS AND CLERK; PEPE AND HAZARD LLC; PEPE AND HAZARD LLP; PETER L

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CA2522377 AA	20051005	LSES	+EEER	EXAMINATION REQUEST	
CA2522377 AA	20060414	LSPB	+	published / reissued	
CA2522377 C	20071120	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2522377 C	20091005	LSLE	-MKLA	LAPSED	
CA2522377 C	20251005	PEXP		Calculated Patent Term Expiry	
MXPA05011032 A1	20060427	LSPB	+	published / reissued	
MXPA05011032 A1	20071015	LSGT	+FG	GRANT OR REGISTRATION	
US2006081408 AA	20060420	LSPB	+	published / reissued	
US2006081408 AA	20071017	LSGT	STCF	INFORMATION ON STATUS: PATENT	Text: PATENTED CASE

				GRANT	
US2006180373 AA	20060817	LSPB	+	published / reissued	
US2006180373 AA	20090423	LSAS	AS	ASSIGNMENT	Effective date: 20090315 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133 Owner: COMERICA BANK, CALIFORNIA PartyType: owner
US6971714 BA	20041014	LSAS	AS	ASSIGNMENT	Effective date: 20041012 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:015899/0414 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner
US6971714 BA	20051116	LSGT	PAT1	Patented Case	
US6971714 BA	20051116	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US6971714 BA	20051206	LSGT	+	granted / extensions (spc, cpc, pte)	
US6971714 BA	20090423	LSAS	AS	ASSIGNMENT	Effective date: 20090315 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133 Owner: COMERICA BANK, CALIFORNIA PartyType: owner
US6971714 BA	20090608	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US6971714 BA	20121203	LSAS	AS	ASSIGNMENT	Effective date: 20121128 OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner
US6971714 BA	20130606	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US6971714 BA	20170621	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US6971714 BA	20170621		+SULP	SURCHARGE FOR LATE PAYMENT	Year of fee payment: 11
US6971714 BA	20241014	PEXP		Calculated Patent Term Expiry	
US7290632 BB	20050124	LSAS	AS	ASSIGNMENT	Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner Effective date: 20050119 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:016230/0158
US7290632 BB	20071017	LSGT	PAT1	Patented Case	
US7290632 BB	20071106	LSGT	+	granted / extensions (spc, cpc, pte)	
US7290632 BB	20090423	LSAS	AS	ASSIGNMENT	Effective date: 20090315 OldParty: SECURITY AGREEMENT;ASSIGNOR:CORBIN PACIFIC, INC.;REEL/FRAME:022584/0133 Owner: COMERICA BANK, CALIFORNIA PartyType: owner
US7290632 BB	20110414	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7290632 BB	20121203	LSAS	AS	ASSIGNMENT	PartyType: owner OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 Owner: CORBIN PACIFIC, INC., CALIFORNIA Effective date: 20121128
US7290632 BB	20150421	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US7290632 BB	20181106	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 12
US7290632 BB	20260126	PEXP		Calculated Patent Term Expiry (PTA 469 days)	
US7556114 BB	20060320	LSAS	AS	ASSIGNMENT	Effective date: 20060314 OldParty: ASSIGNMENT OF

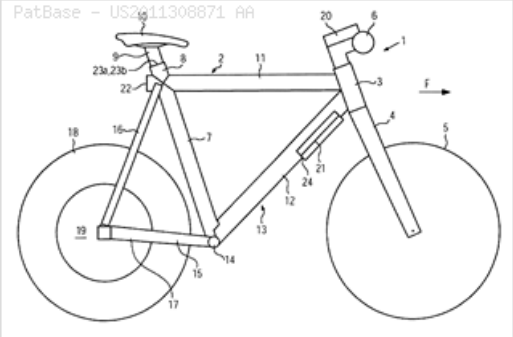
					ASSIGNORS INTEREST;ASSIGNOR:HANAGAN, MICHAEL W.;REEL/FRAME:017713/0620 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner
US7556114 BB	20090617	LSGT	PAT1	Patented Case	
US7556114 BB	20090707	LSGT	+	granted / extensions (spc, cpc, pte)	
US7556114 BB	20121203	LSAS	AS	ASSIGNMENT	Effective date: 20121128 OldParty: RELEASE BY SECURED PARTY;ASSIGNOR:COMERICA BANK;REEL/FRAME:029395/0734 Owner: CORBIN PACIFIC, INC., CALIFORNIA PartyType: owner
US7556114 BB	20121228	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7556114 BB	20170217		REMI	MAINTENANCE FEE REMINDER MAILED	
US7556114 BB	20170707	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US7556114 BB	20170816	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US7556114 BB	20170816	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US7556114 BB	20170829	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20170707
US7556114 BB	20250207	PEXP		Calculated Patent Term Expiry (PTA 14 days)	

86) Family number: 44528092 (US2011308871 AA)

Title: ELECTRIC **MOTORCYCLE** WITH DIAMOND FRAME AND AUXILIARY PEDAL DRIVE

Abstract: The invention relates to an electric **motorcycle** (**1**) with a frame (**2**), an electromotive drive (**19**) and a control unit (**16**) for controlling the electromotive drive (**19**). The invention also relates to a method for assembling an electric **motorcycle** (**1**) in which at least one energy source (**55, 59**) is inserted into a frame (**2**). In order to ensure easy and quick assembly of the electric **motorcycle** (**1**), according to the invention said **motorcycle** (**1**) comprises an auxiliary pedal drive and the frame (**2**) is designed as a diamond frame (**2**) with at least one upper tube (**11**), at least one lower tube (**12**) and at least one **seat** tube (**7**), wherein said upper tube (**11**) comprises a receiving shaft (**54***a*) for at least one energy source (**55**) and is provided at least one tube end (**30**) with a push-in opening (**22**) through which the energy source (**55**) can be pushed into said receiving shaft (**54***a*). In the method according to the invention at least one energy source (**55**) is inserted through an open tube end (**30**) into an upper tube (**11**) of said frame (**2**).

Classifications:
International (IPC 8-9): B60K1/04 B62K11/00 B62K19/00 B62K19/30 B62M6/00 B62M6/40 B62M6/90
CPC: B62M6/90
US: 180/206.1 180/206.100P 180/207.3



Family:

Publication number	Publication date	Application number	Application date
CN102216150 A	20111012	CN200980145313	20090910
CN102216150 B	20130731	CN200980145313	20090910
DE102008047087 A1	20100318	DE200810047087	20080912
EP2323896 A1	20110525	EP20090778456	20090910
US2011308871 AA	20111222	US20090063544	20090910
US8657055 BB	20140225	US20090063544	20090910
WO10028829 A1	20100318	WO2009EP06575	20090910

Priority:
DE200810047087 20080912 WO2009EP06575 20090910

Probable Assignee: HECKEN MICHAEL

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN102216150 A	20111012	LSPB	+	published / reissued	
CN102216150 A	20111012	LSPB	+C06	PUBLICATION	
CN102216150 A	20111130		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102216150 B	20130731	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102216150 B	20130731	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102216150 B	20151104	LSWD	-EXPY	TERMINATION OF PATENT RIGHT OR UTILITY MODEL	
CN102216150 B	20290910	PEXP		Calculated Patent Term Expiry	
DE102008047087 A1	20100318	LSPB	+	published / reissued	
DE102008047087 A1	20100318	LSES	+OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW	
DE102008047087 A1	20140703	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF	Effective date: 20140401

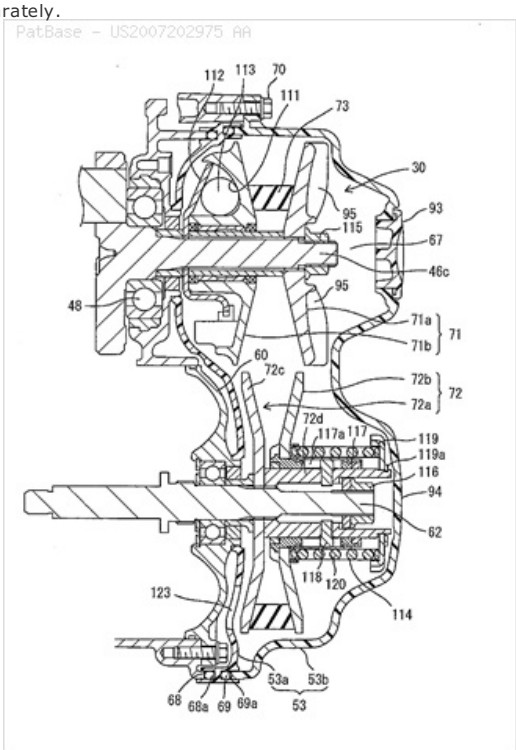
				RENEWAL FEE	
EP2323896 A1	20110525	LSPB	+	published / reissued	
EP2323896 A1	20110525	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20110311
EP2323896 A1	20110525		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR
EP2323896 A1	20110525		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL BA RS
EP2323896 A1	20111221		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP2323896 A1	20150902	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20150401
US2011308871 AA	20111222	LSPB	+	published / reissued	
US8657055 BB	20140205	LSGT	PAT1	Patented Case	
US8657055 BB	20140225	LSGT	+	granted / extensions (spc, cpc, pte)	
US8657055 BB	20141007	LSRE	CC	CERTIFICATE OF CORRECTION	
US8657055 BB	20171009	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.)
US8657055 BB	20180326	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.)
US8657055 BB	20180326	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US8657055 BB	20180326	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US8657055 BB	20180417	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20180225
US8657055 BB	20290910	PEXP		Calculated Patent Term Expiry	
WO10028829 A1	20090910	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 200980145313.3 Country of Ref document: CN
WO10028829 A1	20100318	LSPB	+	published / reissued	
WO10028829 A1	20100505		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 09778456 Kind code of Ref document: A1 Country of Ref document: EP
WO10028829 A1	20110311	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2009778456 Country of Ref document: EP
WO10028829 A1	20110315	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO10028829 A1	20110805	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 13063544 Country of Ref document: US

87) Family number: 34274508 (US2007202975 AA)

Title: V-BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION, **SADDLE** -RIDE TYPE VEHICLE, AND METHOD OF MANUFACTURING THE V-BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION

Abstract: A stationary sheave half of a V-belt type continuously variable transmission (CVT) comprises a primary sheave mounted to a primary sheave shaft and a secondary sheave mounted to a secondary sheave shaft. The stationary sheave half of the secondary sheave comprises a sheave body, which is substantially in the form of a doughnut plate and around which a V-belt is wound, and a substantially cylindrical-shaped boss portion extending rightward from a right side of the sheave body. The sheave body and the boss portion are formed separately.

Classifications:
International (IPC 8-9): B60K17/00 B60K17/02 B62M9/00 B62M9/08 F16H55/32 F16H55/56 F16H59/00 F16H61/00 F16H63/00 F16H9/02 F16H9/12 F16H9/18
International (IPC 1-7): F16H55/56 F16H9/18
CPC: B62K2202/00 F16H55/563 F16H63/067 F16H9/18
US: 474/19 474/8 474/8P



Family:

Publication number	Publication date	Application number	Application date
AT438815 E	20090815	AT20060018146T	20060830
CN100455847 C	20090128	CN200610112243	20060829
CN1924402 A	20070307	CN200610112243	20060829
DE602006008228 D1	20090917	DE200660008228T	20060830
EP1760365 A2	20070307	EP20060018146	20060830
EP1760365 A3	20070314	EP20060018146	20060830
EP1760365 B1	20090805	EP20060018146	20060830
ES2329160 T3	20091123	ES20060018146T	20060830
JP2007064287 A2	20070315	JP20050248825	20050830
JP5041355 B2	20121003	JP20050248825	20050830
TH28172 B	20100707	TH20061003382	20060719
TH85189 A	20070621	TH20061003382	20060719
US2007202975 AA	20070830	US20060468208	20060829
US7731613 BB	20100608	US20060468208	20060829

Priority:
JP20050248825 20050830

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Assignee(s): YAMAHA HATSUDOKI KABUSHIKI KAISHA ; YAMAHA HATSUDOKI KABUSHIKI KAISHA IWATA ; YAMAHA HATSUDOKI KK ; YAMAHA MOTOR CO
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Inventor(s): ISHIDA YOUSUKE OOISHI AKIFUMI
Agent(s): GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; HOGAN AND HARTSON LLP; KEATING AND BENNETT LLP
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AT438815 E	20090815	LSGT	+	granted / extensions (spc, cpc, pte)	

AT438815 E	20100215	LSLE	-RER	CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT TREATIES	
AT438815 E	20260830	PEXP		Calculated Patent Term Expiry	
CN100455847 C	20090128	LSGT	+	granted / extensions (spc, cpc, pte)	
CN100455847 C	20090128	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN100455847 C	20171024	LSLE	-CF01	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE	
CN100455847 C	20260829	PEXP		Calculated Patent Term Expiry	
CN1924402 A	20070307	LSPB	+	published / reissued	
CN1924402 A	20070307	LSPB	+C06	PUBLICATION	
CN1924402 A	20070502		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
DE602006008228 D1	20100826	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE602006008228 D1	20170301	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
EP1760365 A2	20070202		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1760365 A2	20070209	LSES	PUAL	SEARCH REPORT DESPATCHED	Text: ORIGINAL CODE: 0009013
EP1760365 A2	20070307	LSPB	+	published / reissued	
EP1760365 A2	20070307		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A2 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
EP1760365 A2	20070307		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL BA HR MK YU
EP1760365 A3	20070314		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A3 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
EP1760365 A3	20070314		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL BA HR MK YU
EP1760365 A3	20070418	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20070305
EP1760365 A3	20070613	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20070510
EP1760365 A3	20071121	LSFE	+AKX	DESIGNATION FEES PAID	Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
EP1760365 A3	20090227		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP1760365 A3	20090626	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP1760365 A3	20090703	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP1760365 B1	20090805	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1760365 B1	20090805		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV

					MC NL PL PT RO SE SI SK TR
EP1760365 B1	20090805	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP1760365 B1	20090814	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP1760365 B1	20090902	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP1760365 B1	20090917		REF	CORRESPONDS TO:	Date of Ref document: 20090917 Kind code of Ref document: P Ref document number: 602006008228 Country of Ref document: DE
EP1760365 B1	20091123	LSGT	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T3 Ref country code: ES Ref legal event code: FG2A Ref document number: 2329160 Country of Ref document: ES
EP1760365 B1	20100125	LSRV	-LTIE	LT: INVALIDATION OF EUROPEAN PATENT OR PATENT EXTENSION	Effective date: 20090805 Ref country code: EP
EP1760365 B1	20100129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20090805 Country of Ref document: AT
EP1760365 B1	20100129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP1760365 B1	20100129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20091205 Country of Ref document: IS
EP1760365 B1	20100129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP1760365 B1	20100129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20090805 Country of Ref document: SE
EP1760365 B1	20100201	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	Ref country code: EP
EP1760365 B1	20100226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP1760365 B1	20100226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP1760365 B1	20100226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL

EP1760365 B1	20100226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20090805 Country of Ref document: LV
EP1760365 B1	20100331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MC
EP1760365 B1	20100331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20091105 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP1760365 B1	20100331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20091205 Country of Ref document: PT
EP1760365 B1	20100430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP1760365 B1	20100430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP1760365 B1	20100430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP1760365 B1	20100430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20090805 Country of Ref document: RO
EP1760365 B1	20100531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP1760365 B1	20100611		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP1760365 B1	20100630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP1760365 B1	20100714	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20100507
EP1760365 B1	20100730	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090830 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP1760365 B1	20101029	LSLE	-PG25	LAPSED IN A	Lapsed date: 20091106

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP1760365 B1	20110331	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP1760365 B1	20110429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20100831 Country of Ref document: CH
EP1760365 B1	20110429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090830 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP1760365 B1	20110429	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20100831 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP1760365 B1	20110630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20100206 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HU
EP1760365 B1	20110831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP1760365 B1	20110930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090805 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP1760365 B1	20150626	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 10 Ref country code: FR Ref legal event code: PLFP Country of Ref document: FR
EP1760365 B1	20150831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20150626 Year of fee payment: 10 Country of Ref document: FR
EP1760365 B1	20151030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 10 Payment date: 20150819 Country of Ref document: GB
EP1760365 B1	20151030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20150821 Year of fee payment: 10 Country of Ref document: DE
EP1760365 B1	20151030	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20150827 Year of fee payment: 10 Country of Ref document: ES
EP1760365 B1	20151231	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT	Payment date: 20150824 Year of fee payment: 10 Country of Ref document: IT

				INFORMATION FROM NATIONAL OFFICE TO EPO]	
EP1760365 B1	20170301	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602006008228 Ref legal event code: R119 Country of Ref document: DE
EP1760365 B1	20170426	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20160830 Ref country code: EP
EP1760365 B1	20170526	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20170428 Ref country code: FR Ref legal event code: ST
EP1760365 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160830 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP1760365 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20160831 Country of Ref document: FR
EP1760365 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170301 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP1760365 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160830 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IT
EP1760365 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20160831 Country of Ref document: ES
EP1760365 B1	20180627	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20180627 Ref legal event code: FD2A Ref country code: ES
EP1760365 B1	20260830	PEXP		Calculated Patent Term Expiry	
ES2329160 T3	20091123	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2329160 T3	20260830	PEXP		Calculated Patent Term Expiry	
JP2007064287 A2	20070315	LSPB	+	published / reissued	
JP5041355 B2	20110314		A977	REPORT ON RETRIEVAL	Effective date: 20110314 Text: JAPANESE INTERMEDIATE CODE: A971007
JP5041355 B2	20110323	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20110322 Text: JAPANESE INTERMEDIATE CODE: A131
JP5041355 B2	20110519	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20110518 Text: JAPANESE INTERMEDIATE CODE: A523
JP5041355 B2	20111117	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20111116 Text: JAPANESE INTERMEDIATE CODE: A131
JP5041355 B2	20120629	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP5041355 B2	20120704	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20120703 Text: JAPANESE INTERMEDIATE CODE: A01
JP5041355 B2	20120705	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A	Text: JAPANESE INTERMEDIATE CODE: A01

				REGISTRATION (UTILITY MODEL)	
JP5041355 B2	20120705	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5041355 B2	20120710	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5041355 B2	20120720	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150
JP5041355 B2	20120720	LSGT	+R150	特許証 (Patent certificate)	
JP5041355 B2	20120723	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	Year of fee payment: 3
JP5041355 B2	20121003	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5041355 B2	20150716	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5041355 B2	20150728	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5041355 B2	20150728	LSFE	+R250	年金領収書, 年金領収書(分納) (Pension receipt, annuity receipt (scheduled))	
JP5041355 B2	20160720	LSLE	-LAPS	CANCELLATION BECAUSE OF NO PAYMENT OF ANNUAL FEES	
JP5041355 B2	20250830	PEXP		Calculated Patent Term Expiry	
TH28172 B	20100707	LSGT	+	granted / extensions (spc, cpc, pte)	
TH28172 B	20260719	PEXP		Calculated Patent Term Expiry	
TH85189 A	20070621	LSPB	+	published / reissued	
US2007202975 AA	20070830	LSPB	+	published / reissued	
US7731613 BB	20061026	LSAS	AS	ASSIGNMENT	PartyType: owner Effective date: 20061006 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:ISHIDA, YOUSUKE;OOISHI, AKIFUMI;REEL/FRAME:018441/0434 Owner: YAMAHA HATSUDOKI KABUSHIKI KAISHA, JAPAN
US7731613 BB	20061026	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:ISHIDA, YOUSUKE;OOISHI, AKIFUMI;REEL/FRAME:018441/0434 Owner: YAMAHA HATSUDOKI KABUSHIKI KAISHA,JAPAN PartyType: owner Effective date: 20061006
US7731613 BB	20100519	LSGT	PAT1	Patented Case	
US7731613 BB	20100608	LSGT	+	granted / extensions (spc, cpc, pte)	
US7731613 BB	20131202	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7731613 BB	20180122	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.)
US7731613 BB	20180709	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.)
US7731613 BB	20180709	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US7731613 BB	20180709	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US7731613 BB	20180731	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY	Effective date: 20180608

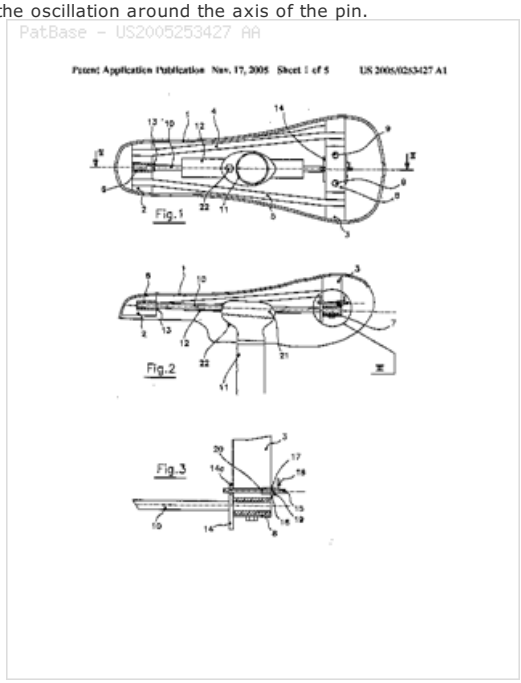
			MAINTENANCE FEE
US7731613 BB	20270612	PEXP	Calculated Patent Term Expiry (PTA 287 days)

88) Family number: 30262001 (US2005253427 AA)

Title: **SEAT** FOR A TWO-WHEELED VEHICLE

Abstract: A **seat** for two-wheeled vehicles, such as bicycles, **motorcycles** and scooters, comprising a relatively soft **saddle** support (**1**) to bear the rider and a supporting structure (**2,3, 4** and **5**) of the **saddle** support by means of which the support is connected to the **seat** -carrying upright (**11**) of the vehicle. Between the supporting structure and the upright of the vehicle there is provided a longitudinal pin (**10**) around whose longitudinal axis the relatively soft support can oscillate, whereas between the pin and the supporting structure there are provided means of blocking the oscillation of said pin. In particular, there are provided means for regulating the amplitude of the oscillation around the axis of the pin.

Classifications:
International (IPC 8-9): B60N2/24 B60N2/38 B62J1/00 B62J1/04 B62J1/08
International (IPC 1-7): B60N2/38 B62J1/00 B62J1/04
CPC: B62J1/00 B62J1/08
US: 297/195.1 297/201 297/215.13 297/215.15 297/195.100P



Family:

Publication number	Publication date	Application number	Application date
AT309939 E	20051215	AT20030741111T	20030716
AU2003280973 AA	20040202	AU20030280973	20030716
CA2491876 AA	20050106	CA20032491876	20030716
CN1668500 A	20050914	CN20038016903	20030716
DE60302364 D1	20051222	DE20036002364T	20030716
DE60302364 T2	20060803	DE20036002364T	20030716
EP1521703 A1	20050413	EP20030741111	20030716
EP1521703 B1	20051116	EP20030741111	20030716
ES2253689 T3	20060601	ES20030741111T	20030716
ITPI20020039 A1	20040116	IT2002PI00039	20020716
US2005253427 AA	20051117	US20030521996	20030716
US7267401 BB	20070911	US20030521996	20030716
WO04007268 A1	20040122	WO2003IT00440	20030716

Priority:
IT2002PI00039 20020716 WO2003IT00440 20030716

Probable Assignee: BERTELLONI PIETRO

Assignee(s): (std): BERTELLONI PIETRO ; PIETRO BERTELLONI

Inventor(s): (std): BERTELLONI PIETRO ; PIETRO BERTELLONI

Agent(s): FINLAYSON AND SINGLEHURST; HEDMAN AND COSTIGAN PC; JAMES V; JAMES V COSTIGAN HEDMAN AND COSTIGAN; JAMES V COSTIGAN, HEDMAN AND COSTIGAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AT309939 E	20051215	LSGT	+	granted / extensions (spc, cpc, pte)	
AT309939 E	20060515	LSLE	-RER	CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT TREATIES	
AT309939 E	20230716	PEXP		Calculated Patent Term Expiry	
AU2003280973 AA	20040202	LSPB	+	published / reissued	

AU2003280973 AA	20050721	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2) (F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
CA2491876 AA	20050106	LSPB	+	published / reissued	
CA2491876 AA	20070716	LSLE	-FZDE	DEAD	
CN1668500 A	20050914	LSPB	+	published / reissued	
CN1668500 A	20050914	LSPB	+C06	PUBLICATION	
CN1668500 A	20051116		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN1668500 A	20080709	LSDW	-C02	DEEMED WITHDRAWAL OF PATENT APPLICATION AFTER PUBLICATION (PATENT LAW 2001)	
DE60302364 D1	20061207	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE60302364 D1	20120403		R082	CHANGE OF REPRESENTATIVE	Ref document number: 1521703 Country of Ref document: EP
DE60302364 T2	20060803	LSGT	+	granted / extensions (spc, cpc, pte)	
DE60302364 T2	20061207	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE60302364 T2	20120403		R082	CHANGE OF REPRESENTATIVE	Ref document number: 1521703 Country of Ref document: EP
DE60302364 T2	20230716	PEXP		Calculated Patent Term Expiry	
EP1521703 A1	20050225		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP1521703 A1	20050413	LSPB	+	published / reissued	
EP1521703 A1	20050413	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20050201
EP1521703 A1	20050413		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1521703 A1	20050413		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1521703 A1	20050519		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP1521703 A1	20050929	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP1521703 A1	20050930	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP1521703 A1	20051109		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP1521703 B1	20051116	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1521703 B1	20051116		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				EPO]	Lapsed date: 20051116 Country of Ref document: CZ
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20051116 Country of Ref document: RO
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP1521703 B1	20051116	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP1521703 B1	20051116	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: GB
EP1521703 B1	20051130	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP1521703 B1	20051222		REF	CORRESPONDS TO:	Kind code of Ref document: P Ref document number: 60302364 Date of Ref document: 20051222 Country of Ref document: DE
EP1521703 B1	20051229	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP1521703 B1	20060216	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20060216 Country of Ref document: BG
EP1521703 B1	20060216	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20060216 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP1521703 B1	20060216	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20060216 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP1521703 B1	20060216	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20060216 Country of Ref document: SE
EP1521703 B1	20060228		REG	REFERENCE TO A NATIONAL CODE	Representative: BOVARD AG PATENTANWAELTE Ref legal event code: NV PartyType: representative Ref country code: CH
EP1521703 B1	20060417	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20060417 Country of Ref document: PT
EP1521703 B1	20060517	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA	Lapsed date: 20060517 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO

				POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HU
EP1521703 B1	20060601	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG2A Ref country code: ES Ref document number: 2253689 Kind code of Ref document: T3 Country of Ref document: ES
EP1521703 B1	20060717	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20060717 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP1521703 B1	20060728		+ET	FR: TRANSLATION FILED	
EP1521703 B1	20060731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20060731 Country of Ref document: MC
EP1521703 B1	20060922		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: NO OPPOSITION FILED WITHIN TIME LIMIT
EP1521703 B1	20061025	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20060817
EP1521703 B1	20070418	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM4A Ref country code: IE
EP1521703 B1	20080630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP1521703 B1	20080731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20060716 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP1521703 B1	20080731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20051116 Country of Ref document: TR
EP1521703 B1	20081128	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20051116 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP1521703 B1	20110331	LSAS	REG	REFERENCE TO A NATIONAL CODE	PartyType: owner Owner: BERTELLONI, PIETRO OldParty: BERTELLONI, PIETRO#24, VIA VENEZIA#I-54100 MASSA (IT) -TRANSFER TO- BERTELLONI, PIETRO#24, VIA VENEZIA#I-54100 MASSA (IT) Ref country code: CH Ref legal event code: PFA
EP1521703 B1	20111031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20110801 Year of fee payment: 9 Country of Ref document: CH
EP1521703 B1	20111031	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20110801 Country of Ref document: FR
EP1521703 B1	20111130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Payment date: 20110721 Year of fee payment: 9

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Country of Ref document: GB
EP1521703 B1	20111130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20110802 Country of Ref document: ES
EP1521703 B1	20111130	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20110831 Year of fee payment: 9 Country of Ref document: DE
EP1521703 B1	20111230	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20110726 Country of Ref document: NL
EP1521703 B1	20111230	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20110801 Country of Ref document: BE
EP1521703 B1	20120403		REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 60302364 Ref legal event code: R082 Country of Ref document: DE
EP1521703 B1	20121231	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20120723 Year of fee payment: 10 Country of Ref document: IT
EP1521703 B1	20130131	LSLE	-BERE	BE: LAPSED	PartyType: owner Effective date: 20120731 Owner: *BERTELLONI PIETRO Ref country code: EP
EP1521703 B1	20130213	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20130201 Ref country code: NL Ref legal event code: V1
EP1521703 B1	20130228	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP1521703 B1	20130327	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20120716 Ref country code: EP
EP1521703 B1	20130426	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20130329 Ref country code: FR Ref legal event code: ST
EP1521703 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20120716 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP1521703 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130201 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: NL
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EP1521703 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20120731 Country of Ref document: LI
EP1521703 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES

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EP1521703 B1	20130430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20120731 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP1521703 B1	20130531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20120731 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP1521703 B1	20130926	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R119 Ref document number: 60302364 Effective date: 20130201 Country of Ref document: DE
EP1521703 B1	20131018	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20131018 Ref legal event code: FD2A Ref country code: ES
EP1521703 B1	20131031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20120717 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: ES
EP1521703 B1	20140530	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20130716 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IT
EP1521703 B1	20230716	PEXP		Calculated Patent Term Expiry	
ES2253689 T3	20060601	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2253689 T3	20230716	PEXP		Calculated Patent Term Expiry	
ITPI20020039 A1	20040116	LSPB	+	published / reissued	
US2005253427 AA	20051117	LSPB	+	published / reissued	
US2005253427 AA	20070822	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US7267401 BB	20070822	LSGT	PAT1	Patented Case	
US7267401 BB	20070911	LSGT	+	granted / extensions (spc, cpc, pte)	
US7267401 BB	20110310	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7267401 BB	20150303	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US7267401 BB	20190429	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US7267401 BB	20191014	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US7267401 BB	20191014	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US7267401 BB	20191014	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US7267401 BB	20191105	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20190911
US7267401 BB	20230716	PEXP		Calculated Patent Term Expiry	
WO04007268 A1	20040122	LSPB	+	published / reissued	
WO04007268 A1	20040122		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

					NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
WO04007268 A1	20040122		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AM AT AZ BE BF BG BJ BY CF CG CH CI CM CY CZ DE DK EE ES FI FR GA GB GH GM GN GQ GR GW HU IE IT KE KG KZ LS LU MC MD ML MR MW MZ NE NL PT RO RU SD SE SI SK SL SN SZ TD TG TJ TM TR TZ UG ZM ZW
WO04007268 A1	20040324		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO04007268 A1	20040325		DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)	
WO04007268 A1	20050106	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2491876 Country of Ref document: CA
WO04007268 A1	20050114	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 10521996 Country of Ref document: US
WO04007268 A1	20050117	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 20038169037 Country of Ref document: CN
WO04007268 A1	20050201	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2003741111 Country of Ref document: EP
WO04007268 A1	20050413	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: 2003741111 Country of Ref document: EP
WO04007268 A1	20051116	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	Ref document number: 2003741111 Country of Ref document: EP
WO04007268 A1	20060719	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: JP
WO04007268 A1	20060719	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	Text: JP

89) Family number: 63363017 (IN03566CH2014 A)

Title: A **SEAT** FOR A **SADDLE** TYPE VEHICLE

Abstract: The present subject matter discloses a **saddle** type vehicle comprising a **seat** assembly (25) covering an article container (38) and a fuel tank (50) disposed rearwardly of the article container. The **seat** assembly (25) comprises of a **seat** base (26) having a continuous flange (27) and a **locking** member (29) provided with gusset members (32a, 32b). The **locking** member **locks** the **seat** assembly to a rear frame while the continuous flange having a plurality of walls (27a, 27b, 27c, 27d) protruding downwardly from the **seat** base prevent any undesirable access to the article container (38). The sides and the rear portion of the **seat** base are imparted with better rigidity.

Classifications:

International (IPC 8-9): F02M

Family:

Publication number	Publication date	Application number	Application date
IN03566CH2014 A	20160701	IN2014CH03566	20140721

Priority:

IN2014CH03566 20140721

Probable Assignee: TVS MOTOR CO LTD

Assignee(s): TVS MOTOR CO LTD

Inventor(s): BURRA TIRUMALA SRIKAR ; KESHAVAPRASAD KESHAVA DATT ; KURMAM SHANMUKHA PRADEE P ; MYILSAMY KALAIVANI ; NAGARAJAN CHANDRAS HEKAR

Legal status (INPADOC)

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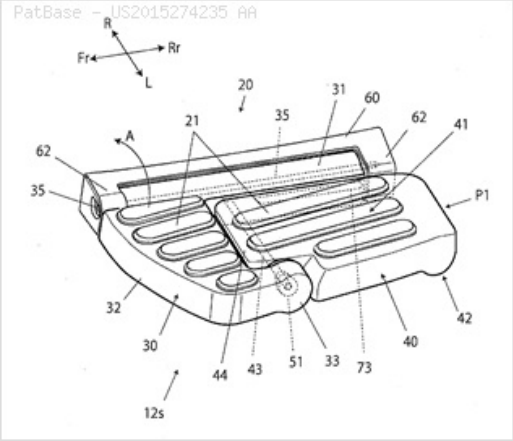
Patent	Date recorded	Event group	Code	Event	Details
IN03566CH2014 A	20160701	LSPB	+	published / reissued	

90) Family number: 60450222 (US2015274235 AA)

Title: ADJUSTABLE STEP STRUCTURE FOR **SADDLE** RIDING TYPE VEHICLE

Abstract: A step structure for being disposed on left and/or right sides of a **saddle** riding type vehicle includes a base portion connected to the vehicle and forming at least part of a first footrest, and a movable portion rotatably coupled to the base portion so that the movable portion is movable between first and second operative positions thereof by being rotated relative to the base portion. The movable portion forms a second footrest disposed at a position different from the first footrest when the movable portion is at the second operative position thereof and jointly forms a first footrest with the base portion when at the first operative position thereof.

Classifications:
International (IPC 8-9): B62J25/00
CPC: B62J25/00
US: 280/291 1/1



Family:

Publication number	Publication date	Application number	Application date
DE602015000350 D1	20161103	DE201560000350T	20150306
EP2923928 A1	20150930	EP20150158013	20150306
EP2923928 B1	20160921	EP20150158013	20150306
JP2015186975 A2	20151029	JP20140065298	20140327
JP6001000 B2	20161005	JP20140065298	20140327
TW201540587 A	20151101	TW20150109170	20150323
TWI537166 B	20160611	TW20150109170	20150323
US2015274235 AA	20151001	US20150665199	20150323
US9499227 BB	20161122	US20150665199	20150323

Priority:
JP20140065298 20140327 EP20150158013 20150306

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): NOZOE KOICHI
Agent(s): BEDER JENS; CARRIER BLACKMAN AND ASSOCIATES PC; JINGLI; JOSEPH P; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
DE602015000350 D1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationSymbol: B62J0025000000 ClassificationScheme: IPC Text: PREVIOUS MAIN CLASS: B62J0025000000
DE602015000350 D1	20201001	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
EP2923928 A1	20150930	LSPB	+	published / reissued	
EP2923928 A1	20150930	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20150306
EP2923928 A1	20150930		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2923928 A1	20150930		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA

EP2923928 A1	20150930		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2923928 A1	20160511		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 25/00 20060101AFI20160401BHEP ClassificationScheme: IPC
EP2923928 A1	20160518	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20160421
EP2923928 B1	20160921	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2923928 B1	20160921		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2923928 B1	20160921	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2923928 B1	20160930	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2923928 B1	20161015	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: REF Effective date: 20161015 Kind code of Ref document: T Ref document number: 830788 Ref country code: AT Country of Ref document: AT
EP2923928 B1	20161019	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2923928 B1	20161103	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R096 Ref document number: 602015000350 Country of Ref document: DE
EP2923928 B1	20170125		REG	REFERENCE TO A NATIONAL CODE	Effective date: 20160921 Ref legal event code: MP Ref country code: NL
EP2923928 B1	20170125	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2923928 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20161221 Country of Ref document: NO
EP2923928 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2923928 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: FI
EP2923928 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2923928 B1	20170213	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Ref legal event code: PLFP Year of fee payment: 3 Country of Ref document: FR
EP2923928 B1	20170215	LSRV	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20160921 Ref legal event code: MK05 Ref country code: AT Ref document number: 830788 Kind code of Ref document: T Country of Ref document: AT
EP2923928 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: LV

EP2923928 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: NL
EP2923928 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: SE
EP2923928 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20161222 Country of Ref document: GR
EP2923928 B1	20170428	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: RO
EP2923928 B1	20170428	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2923928 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170228 Year of fee payment: 3 Country of Ref document: DE
EP2923928 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 3 Payment date: 20170213 Country of Ref document: FR
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170123 Country of Ref document: PT
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: ES
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BE
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: SK
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A	Lapsed date: 20160921

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20161221 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: CZ
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170121 Country of Ref document: IS
EP2923928 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: PL
EP2923928 B1	20170622	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602015000350 Ref country code: DE Country of Ref document: DE
EP2923928 B1	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170331 Year of fee payment: 3 Country of Ref document: IT
EP2923928 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2923928 B1	20170830	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20170622
EP2923928 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2923928 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: MC
EP2923928 B1	20171227	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM4A Ref country code: IE
EP2923928 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170306 Country of Ref document: LU
EP2923928 B1	20180223	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 4 Ref legal event code: PLFP
EP2923928 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT	Lapsed date: 20170306 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES

				INFORMATION FROM NATIONAL OFFICE TO EPO]	Country of Ref document: IE
EP2923928 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20180220 Country of Ref document: DE
EP2923928 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20180331 Country of Ref document: IT
EP2923928 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20180223 Country of Ref document: FR
EP2923928 B1	20180928	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170306 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MT
EP2923928 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: AL
EP2923928 B1	20181031	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP2923928 B1	20190228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20180331 Country of Ref document: LI
EP2923928 B1	20190228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20180331 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2923928 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20190326 Country of Ref document: IT
EP2923928 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20190219 Country of Ref document: DE
EP2923928 B1	20190628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20150306 Country of Ref document: HU
EP2923928 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: CY
EP2923928 B1	20191127	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20190306 Ref country code: EP

EP2923928 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20160921 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2923928 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20190306 Country of Ref document: GB
EP2923928 B1	20200228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20190331 Country of Ref document: FR
EP2923928 B1	20200331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: TR
EP2923928 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20160921 Country of Ref document: HR
EP2923928 B1	20201001	LSDW	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R119 Ref document number: 602015000350 Ref country code: DE Country of Ref document: DE
EP2923928 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20201001 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP2923928 B1	20350306	PEXP		Calculated Patent Term Expiry	
JP2015186975 A2	20151029	LSPB	+	published / reissued	
JP2015186975 A2	20151209	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20151208 Text: JAPANESE INTERMEDIATE CODE: A131
JP2015186975 A2	20160205	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20160205
JP2015186975 A2	20160726	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2015186975 A2	20160802	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20160802
JP2015186975 A2	20160908	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20160831
JP2015186975 A2	20160909	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6001000 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6001000 B2	20150805	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150804 Text: JAPANESE INTERMEDIATE CODE: A131
JP6001000 B2	20151005	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20151005
JP6001000 B2	20160804	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6001000 B2	20160804	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160802
JP6001000 B2	20160906	LSFE	R100	特許料納付書 (Patent	

				fee payment form)	
JP6001000 B2	20160906	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51601817827 Effective date: 20160831
JP6001000 B2	20160909	LSGT	+R150	特許証 (Patent certificate)	
JP6001000 B2	20160909	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160920
JP6001000 B2	20161005	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6001000 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP6001000 B2	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901167876 Effective date: 20190603
JP6001000 B2	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP6001000 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP6001000 B2	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP6001000 B2	20200601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200529 Text: 52001104487
JP6001000 B2	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP6001000 B2	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210531 Text: 52101163709
JP6001000 B2	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP6001000 B2	20340327	PEXP		Calculated Patent Term Expiry	
TW201540587 A	20151101	LSPB	+	published / reissued	
TWI537166 B	20160611	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI537166 B	20200311	LSLE	-MM4A	ANNULMENT OR LAPSE OF PATENT DUE TO NON-PAYMENT OF FEES	
TWI537166 B	20350323	PEXP		Calculated Patent Term Expiry	
US2015274235 AA	20151001	LSPB	+	published / reissued	
US2015274235 AA	20161102	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9499227 BB	20150323	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:NOZOE, KOICHI;REEL/FRAME:035229/0313 Effective date: 20150306 PartyType: owner Owner: HONDA MOTOR CO., LTD., JAPAN
US9499227 BB	20150505		RFE1	Docketed New Case - Ready for Examination	
US9499227 BB	20161102	LSGT	PAT1	Patented Case	
US9499227 BB	20161122	LSGT	+	granted / extensions (spc, cpc, pte)	
US9499227 BB	20200713	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9499227 BB	20201228	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	Text: PATENT EXPIRED FOR FAILURE TO PAY MAINTENANCE FEES (ORIGINAL EVENT CODE: EXP.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US9499227 BB	20201228	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR	

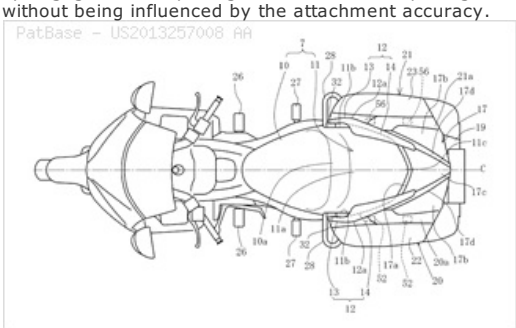
				1.362	
US9499227 BB	20201228	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US9499227 BB	20210119	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20201122
US9499227 BB	20350323	PEXP		Calculated Patent Term Expiry	

91) Family number: 54906869 (US2013257008 AA)

Title: **SADDLE** -RIDE TYPE VEHICLE

Abstract: A **saddle** -ride type vehicle prevents attachment accuracy from causing influence on assembly especially in a case of attaching lid opening levers to grab rails and attaching lid opening **mechanisms** to a vehicle body frame side separately from the lid opening levers Each lid opening lever is pivotally attached to a grab rail through a pivot center shaft. Each lid opening **mechanism** is bolted to a stay on an upper pipe 9a. The lid opening lever is provided with an engagement portion. A curved surface portion provided on an upper end portion of a bent protrusion a projecting upward from the lid opening **mechanism** is inserted in the engagement portion to vertically engage the lid opening lever and the lid opening **mechanism** with each other. In this way, the assembly can be done without being influenced by the attachment accuracy.

Classifications:
International (IPC 8-9): B62J1/28 B62J23/00 B62J7/00 B62J9/00 B62K11/00 B62K19/46 B62K27/10
CPC: B62K19/46
US: 280/202



Family:

Publication number	Publication date	Application number	Application date
CA2799065 AA	20130930	CA20122799065	20121217
CA2799065 C	20150106	CA20122799065	20121217
JP2013212741 A2	20131017	JP20120083197	20120330
JP5941325 B2	20160629	JP20120083197	20120330
US2013257008 AA	20131003	US20130847804	20130320
US8844958 BB	20140930	US20130847804	20130320

Priority:
JP20120083197 20120330 CA20122799065 20121217

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO ; HONDA MOTOR CO LTD1-1, MINAMI-AOYAMA 2-CHOMEMINATO-KUTOKYOJP ; KAWANO SUNAO ; OMAE AKIRA
Inventor(s): (std): KAWANO NAO ; KAWANO SUNAO ; OMAE AKIRA
Inventor(s): KAWANO SUNAOJP ; OMAE AKIRAJP
Agent(s): DENNISON ASSOCIATES; WESTERMAN HATTORI DANIELS AND ADRIAN LLP

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CA2799065 AA	20130930	LSPB	+	published / reissued	
CA2799065 C	20150106	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2799065 C	20321217	PEXP		Calculated Patent Term Expiry	
JP2013212741 A2	20131017	LSPB	+	published / reissued	
JP2013212741 A2	20141129	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141128 Text: JAPANESE INTERMEDIATE CODE: A621
JP2013212741 A2	20150126	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20150126 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013212741 A2	20151021		A977	REPORT ON RETRIEVAL	Effective date: 20151021 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2013212741 A2	20151111	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20151110 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013212741 A2	20151117	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20151117 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013212741 A2	20160425	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013212741 A2	20160510	LSGT	+A01	WRITTEN DECISION TO	Effective date: 20160510 Text: JAPANESE INTERMEDIATE

				GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	CODE: A01
JP2013212741 A2	20160526	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160520 Text: JAPANESE INTERMEDIATE CODE: A61
JP2013212741 A2	20160527	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5941325 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5941325 B2	20160512	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5941325 B2	20160512	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20160510
JP5941325 B2	20160524	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5941325 B2	20160524	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20160520 Text: 51601061997
JP5941325 B2	20160527	LSGT	+R150	特許証 (Patent certificate)	
JP5941325 B2	20160527	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20160607
JP5941325 B2	20160629	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5941325 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5941325 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190227 Text: 51900425746
JP5941325 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5941325 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190315
JP5941325 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5941325 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228 Text: 52000421914
JP5941325 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5941325 B2	20210301	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210226 Text: 52100437558
JP5941325 B2	20210302	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210319
JP5941325 B2	20320330	PEXP		Calculated Patent Term Expiry	
US2013257008 AA	20131003	LSPB	+	published / reissued	
US2013257008 AA	20140910	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US8844958 BB	20130320	LSAS	AS	ASSIGNMENT	Effective date: 20130211 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:OMAE, AKIRA;KAWANO, SUNAO;REEL/FRAME:030052/0164 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US8844958 BB	20140910	LSGT	PAT1	Patented Case	
US8844958 BB	20140930	LSGT	+	granted / extensions (spc, cpc, pte)	
US8844958 BB	20180315	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US8844958 BB	20330320	PEXP		Calculated Patent Term Expiry	

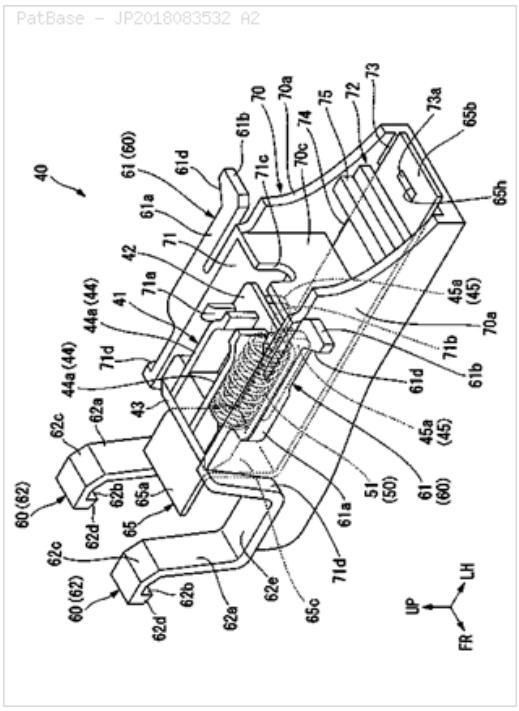
92) Family number: 69952523 (JP2018083532 A2)

Title: **LOCK** STRUCTURE OF **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To enhance an anti-theft effect in a **lock** structure of a **saddle** -riding type vehicle, while reducing the weight and cost of the vehicle.SOLUTION: A **lock** structure of a **saddle** -riding type vehicle enables fixing and releasing of a cover part for covering openably and closably the opening of a storage part, and the storage part. The storage part is formed with an insertion hole that allows insertion of a part of the cover part. The **lock** structure comprises: a support member 41 supporting fixably and releasably the part of the cover part inserted in the insertion hole; a moving **mechanism** 50 that enables the support member 41 to move between a fixing position for fixing the part of the cover part and a releasing position for releasing the fixing of the part of the cover part; and a jump-up member 65 supporting the part of the covering part in a manner of enabling jump-up thereof. The jump-up member 65 has a jump-up member side cover portion 65c that covers a part 43 of the support member 41 exposed from the part of the cover part in the fixing position.SELECTED DRAWING: Figure 4

Classifications:

International (IPC 8-9): B62J1/00 B62J1/12 B62J9/00 B62K19/46 E05B83/00 E05C1/12



Family:

Publication number	Publication date	Application number	Application date
ID201808459 A	20180803	ID2017P0007936	20171109
IN201714041638 A	20180601	IN201714041638	20171121
JP2018083532 A2	20180531	JP20160227807	20161124
JP6638986 B2	20200205	JP20160227807	20161124
TH182304 A	20181220	TH20171006892	20171121
TH81954 B	20210329	TH20171006892	20171121

Priority:

JP20160227807 20161124

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Inventor(s): (std): KIKUNO JUNJI ; MINE KEIGO ; MIYAZAWA YOSHIYUKI ; OKAMOTO MAYUMI ; TAKANO MASAMI

Inventor(s): JUNJI KIKUNO ; KEIGO MINE ; MASAYOSHI TAKANO ; MAYUMI OKAMOTO ; TAKANO MASAYOSHI ; YOSHIYUKI MIYAZAWA

Agent(s): DRCITA CITRAWINDA SH MIP

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ID201808459 A	20180803	LSPB	+	published / reissued	
IN201714041638 A	20180601	LSPB	+	published / reissued	
JP2018083532 A2	20180531	LSPB	+	published / reissued	
JP2018083532 A2	20181005		RD03	NOTIFICATION OF APPOINTMENT OF POWER OF ATTORNEY	Effective date: 20181005 Text: JAPANESE INTERMEDIATE CODE: A7423
JP2018083532 A2	20181127	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20181127 Text: JAPANESE INTERMEDIATE CODE: A621

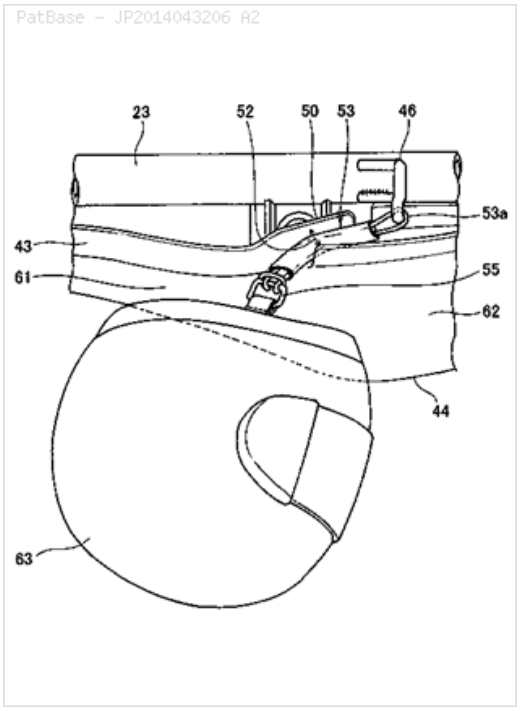
JP2018083532 A2	20191108		A977	REPORT ON RETRIEVAL	Effective date: 20191108 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2018083532 A2	20191120	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2018083532 A2	20191126	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20191126 Text: JAPANESE INTERMEDIATE CODE: A01
JP2018083532 A2	20191226	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20191219 Text: JAPANESE INTERMEDIATE CODE: A61
JP2018083532 A2	20200107	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6638986 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6638986 B2	20191128	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20191126
JP6638986 B2	20191224	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20191219
JP6638986 B2	20200107	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20200121
JP6638986 B2	20200205	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6638986 B2	20361124	PEXP		Calculated Patent Term Expiry	
TH182304 A	20181220	LSPB	+	published / reissued	
TH81954 B	20210329	LSGT	+	granted / extensions (spc, cpc, pte)	
TH81954 B	20371121	PEXP		Calculated Patent Term Expiry	

93) Family number: 56148196 (JP2014043206 A2)

Title: REAR STRUCTURE FOR **SADDLE** -RIDING TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To provide a rear structure for a **saddle** -riding type vehicle in which a passage through which a wire of a helmet is put cannot be seen from a vehicle side view.SOLUTION: A wire passage 52 through which a wire 53 extending from a helmet 63 is put is arranged to extend in a vehicle longitudinal direction. In a state in which a **seat** is opened, the wire 53 is hooked in a helmet holder 46 and the wire 53 is laid along the wire passage 52. The wire passage 52 cannot be seen from a vehicle side view. This eliminates concern in which the inside of the vehicle may be seen through the wire passage.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/28 B62J11/00 B62J23/00
CPC: B62J1/00 B62J1/28



Family:

Publication number	Publication date	Application number	Application date
BR102013021654 A2	20141021	BR20131021654	20130823
BR102013021654 B1	20201215	BR20131021654	20130823
IN01774DE2013 A	20160831	IN2013DE01774	20130614
JP2014043206 A2	20140313	JP20120187660	20120828
JP5841919 B2	20160113	JP20120187660	20120828
TH133781 A	20140515	TH20131003933	20130715
TH70123 B	20190531	TH20131003933	20130715

Priority:
JP20120187660 20120828

Probable Assignee:	HONDA MOTOR CO LTD
Assignee(s): (std):	HONDA MOTOR CO LTD
Assignee(s):	HONDA MOTOR CO
Inventor(s): (std):	KAMISAKA TORU ; TORU UESAKA ; UESAKA TORU
Agent(s):	SUMIYOSHI KATSUHIKO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
BR102013021654 A2	20141021	LSPB	+	published / reissued	
BR102013021654 A2	20141021	LSPB	B03A	PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION [CHAPTER 3.1 PATENT GAZETTE]	
BR102013021654 A2	20181121		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING [CHAPTER 6.6 PATENT GAZETTE]	
BR102013021654 A2	20200121		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT	

				GAZETTE]	
BR102013021654 A2	20200915	LSGT	B09A	DECISION: INTENTION TO GRANT [CHAPTER 9.1 PATENT GAZETTE]	
BR102013021654 A2	20201215	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	Text: PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 23/08/2013, OBSERVADAS AS CONDICOES LEGAIS.
BR102013021654 B1	20201215	LSGT	+	granted / extensions (spc, cpc, pte)	
BR102013021654 B1	20330823	PEXP		Calculated Patent Term Expiry	
IN01774DE2013 A	20160831	LSPB	+	published / reissued	
JP2014043206 A2	20140313	LSPB	+	published / reissued	
JP2014043206 A2	20141129	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20141128 Text: JAPANESE INTERMEDIATE CODE: A621
JP2014043206 A2	20151023	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014043206 A2	20151030		A977	REPORT ON RETRIEVAL	Effective date: 20151029 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2014043206 A2	20151111	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20151110 Text: JAPANESE INTERMEDIATE CODE: A01
JP2014043206 A2	20151119	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20151116 Text: JAPANESE INTERMEDIATE CODE: A61
JP2014043206 A2	20151120	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5841919 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5841919 B2	20151112	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5841919 B2	20151112	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20151110
JP5841919 B2	20151117	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5841919 B2	20151117	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20151116 Text: 51502292413
JP5841919 B2	20151120	LSGT	+R150	特許証 (Patent certificate)	
JP5841919 B2	20151120	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20151201
JP5841919 B2	20160113	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5841919 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5841919 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20180725 Text: 51801521710
JP5841919 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5841919 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180814
JP5841919 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5841919 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901838438 Effective date: 20190830
JP5841919 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5841919 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5841919 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納)	Effective date:

				(Pension receipt, annuity receipt (scheduled))	20190920
JP5841919 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001777134 Effective date: 20200831
JP5841919 B2	20200902	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200925
JP5841919 B2	20320828	PEXP		Calculated Patent Term Expiry	
TH133781 A	20140515	LSPB	+	published / reissued	
TH70123 B	20190531	LSGT	+	granted / extensions (spc, cpc, pte)	
TH70123 B	20330715	PEXP		Calculated Patent Term Expiry	

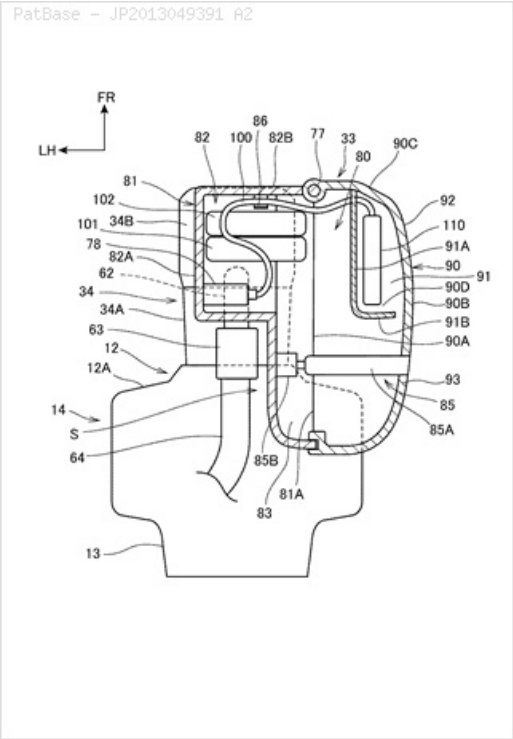
94) Family number: 53228151 (JP2013049391 A2)

Title: STORAGE PART STRUCTURE FOR **SADDLE** TYPE VEHICLE

Abstract: PROBLEM TO BE SOLVED: To store a mobile terminal by charging the mobile terminal but minimizing an effect of engine heat on the mobile terminal while securing a storage space for storing other large items under a **seat** in a storage part structure for a **saddle** type vehicle.SOLUTION: In the storage part structure for the **saddle** type vehicle, a mobile phone 110 of a driver is stored in a storage box 33 of the vehicle. The storage box 33 includes: a charging code 100 disposed in a space beyond a fuel tank and above an engine, and extended from a battery of the vehicle; and a mobile terminal storage part 80 storing the mobile phone 110.

Classifications:

International (IPC 8-9): B62J11/19 B62J35/00 B62J6/00 B62J6/18 B62J9/00



Family:

Publication number	Publication date	Application number	Application date
CN102963465 A	20130313	CN201210313540	20120829
CN102963465 B	20141126	CN201210313540	20120829
IN03557CH2012 A	20140124	IN2012CH03557	20120828
JP2013049391 A2	20130314	JP20110189584	20110831
JP5665696 B2	20150204	JP20110189584	20110831
TH127877 A	20130925	TH20121003857	20120730
TH58620 B	20171027	TH20121003857	20120730

Priority:

JP20110189584 20110831

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std): ANDO MASAHARU ; FUJIWARA KIYOTAKA ; HANDA UONUMI ; IIDA OMI ; INUI HIDEJIRO ; JUNICHI NAKANO ; KIYOTAKA FUJIHARA ; MASAHARU ANDO ; NAKANO JUNICHI ; SHUJIRO INUI

Inventor(s): FUJIHARA KIYOTAKA ; INUI SHUJIRO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102963465 A	20130313	LSPB	+	published / reissued	
CN102963465 A	20130313	LSPB	+C06	PUBLICATION	
CN102963465 A	20130410		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102963465 B	20141126	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102963465 B	20141126	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102963465 B	20320829	PEXP		Calculated Patent Term Expiry	
IN03557CH2012 A	20140124	LSPB	+	published / reissued	
JP2013049391 A2	20130314	LSPB	+	published / reissued	

JP2013049391 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20131127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2013049391 A2	20140723	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140722 Text: JAPANESE INTERMEDIATE CODE: A131
JP2013049391 A2	20140920	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20140919 Text: JAPANESE INTERMEDIATE CODE: A523
JP2013049391 A2	20141125	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2013049391 A2	20141203	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20141202 Text: JAPANESE INTERMEDIATE CODE: A01
JP2013049391 A2	20141218	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20141209
JP2013049391 A2	20141219	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5665696 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5665696 B2	20141204	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5665696 B2	20141204	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20141202
JP5665696 B2	20141216	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5665696 B2	20141216	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20141209 Text: 51402513122
JP5665696 B2	20141219	LSGT	+R150	特許証 (Patent certificate)	
JP5665696 B2	20141219	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150106
JP5665696 B2	20150204	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5665696 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5665696 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51701586590 Effective date: 20170727
JP5665696 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5665696 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170815
JP5665696 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5665696 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51801521710 Effective date: 20180725
JP5665696 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5665696 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180814
JP5665696 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5665696 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901838210 Effective date: 20190830
JP5665696 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5665696 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5665696 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt	Effective date: 20190920

				(scheduled))	
JP5665696 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001777134 Effective date: 20200831
JP5665696 B2	20200902	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200925
JP5665696 B2	20310831	PEXP		Calculated Patent Term Expiry	
TH127877 A	20130925	LSPB	+	published / reissued	
TH58620 B	20171027	LSGT	+	granted / extensions (spc, cpc, pte)	
TH58620 B	20320730	PEXP		Calculated Patent Term Expiry	

95) Family number: 73838540 (US2020283085 AA)

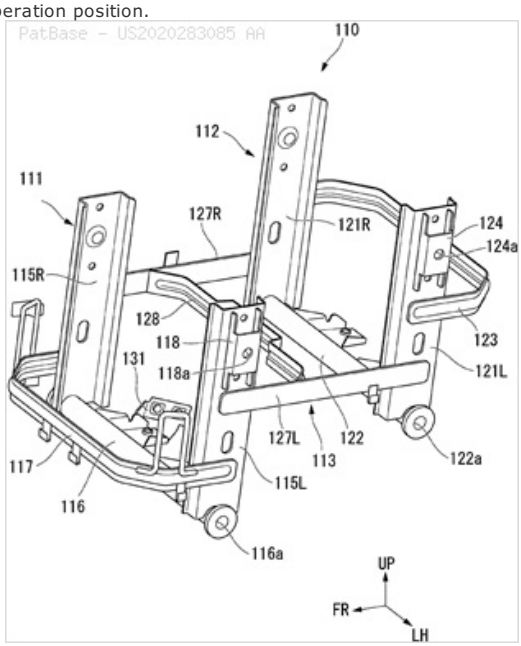
Title: BATTERY STORAGE DEVICE OF VEHICLE

Abstract: A battery storage device includes a battery case (**42**), a case side connection terminal (**43**), a lid member (**8**), a **lock** **mechanism** (**133**), and an operation member (**44**). The **lock** **mechanism** (**133**) is capable of fixing a battery (**62**A or **62**B) stored in the battery case (**42**) to the battery case (**42**) below the lid member (**8**). The operation member (**44**) is constituted such that at least a part thereof overlaps an inserting/removing port (**136**) on an upper side in a view in an insertion direction of the battery (**62**A or **62**B) in a state at a **lock** operation position.

Classifications:

International (IPC 8-9)**:** B60K1/04 B60L50/60 B62J11/00 B62J11/19 B62J11/20 B62J43/00 B62J43/16 B62J43/20 B62J43/23 B62J43/28 B62J9/00 B62J99/00 B62M6/90 B62M7/06 F16B2/08 H01M2/10

CPC: B60K1/04 B60L2200/12 B60L50/64 B60L50/66 B62J43/10 B62J43/16 B62J43/20 B62J43/23 B62J43/28 B62J9/30 B62K11/10 B62K2202/00 B62K2204/00 B62M11/02 B62M7/12 H01M2220/20 H01M50/20 Y02E60/10 Y02T10/70



Family:

Publication number	Publication date	Application number	Application date
CN111278721 A	20200612	CN201780095161	20170929
EP3670311 A1	20200624	EP20170926510	20170929
EP3670311 A4	20201028	EP20170926510	20170929
IN202047011461 A	20200327	IN202047011461	20200317
JP2019064606 A1	20200423	JP20190544202T	20170929
JP6825123 B1	20210203	JP20190544202T	20170929
PH2020500502 A	20210517	PH20200500502	20200312
TW201927620 A	20190716	TW20180133992	20180927
TWI727210 B	20210511	TW20180133992	20180927
US2020283085 AA	20200910	US20170644976	20170929
WO19064606 A1	20190404	WO2017JP35757	20170929

Priority:

WO2017JP35757 20170929

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std)**:** HONDA MOTOR CO LTD

Assignee(s): HONDA MOTOR CO

Inventor(s): (std)**:** KURAMOCHI AKIRA ; NISHIDA SHOGO ; OKUBO KATSUYUKI

Agent(s): BEDER JENS; TAZAKI AKIRA ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111278721 A	20200612	LSPB	+	published / reissued	
CN111278721 A	20200612	LSPB	PB01	PUBLICATION	
CN111278721 A	20200612	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111278721 A	20200707		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	

CN111278721 A	20200707		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
EP3670311 A1	20190406		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE INTERNATIONAL PUBLICATION HAS BEEN MADE
EP3670311 A1	20200522		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: REQUEST FOR EXAMINATION WAS MADE
EP3670311 A1	20200624	LSPB	+	published / reissued	
EP3670311 A1	20200624	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20200317
EP3670311 A1	20200624		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3670311 A1	20200624		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3670311 A1	20200624		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3670311 A4	20201028	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20200929
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60K 1/04 20190101ALI20200923BHEP
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 9/00 20200101AFI20200923BHEP ClassificationScheme: IPC
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62M 6/90 20100101ALI20200923BHEP
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60L 50/60 20190101ALI20200923BHEP
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EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 99/00 20200101ALI20200923BHEP
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62M 7/06 20060101ALI20200923BHEP ClassificationScheme: IPC
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 11/00 20200101ALI20200923BHEP
EP3670311 A4	20201028		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: H01M 2/10 20060101ALI20200923BHEP
EP3670311 A4	20210106		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3670311 A4	20210106		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN	

				PATENT (DELETED)	
EP3670311 A4	20210421		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP3670311 A4	20210421		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: GRANT OF PATENT IS INTENDED
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B60L 50/60 20190101AFI20210319BHEP ClassificationScheme: IPC
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60L 50/64 20190101ALI20210319BHEP
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 43/16 20200101ALI20210319BHEP ClassificationScheme: IPC
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B60K 1/04 20190101ALI20210319BHEP
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62J 43/23 20200101ALI20210319BHEP
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62K 11/10 20060101ALI20210319BHEP ClassificationScheme: IPC
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62M 7/12 20060101ALI20210319BHEP ClassificationScheme: IPC
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B62M 11/02 20060101ALI20210319BHEP
EP3670311 A4	20210428		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: H01M 50/20 20210101ALI20210319BHEP ClassificationScheme: IPC
EP3670311 A4	20210519	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20210422
IN202047011461 A	20200327	LSPB	+	published / reissued	
JP2019064606 A1	20191224		A5211	特許協力条約第34条補正の写し提出書 (Submission of Copy of Amendment under Article 34 of the Patent)	Effective date: 20191224
JP2019064606 A1	20191224	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191224
JP2019064606 A1	20191224		A632	国内書面 (National Entry Form)	Effective date: 20191224
JP2019064606 A1	20200317		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200317
JP2019064606 A1	20200423	LSPB	+	published / reissued	
JP2019064606 A1	20201228	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064606 A1	20210105	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20210105

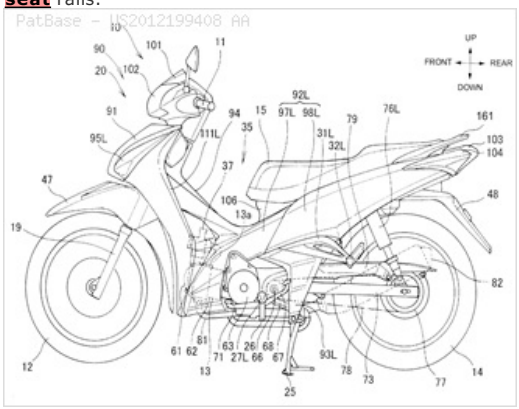
				OR TO GRANT A REGISTRATION (UTILITY MODEL)	
JP2019064606 A1	20210105	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210105
JP2019064606 A1	20210115	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20210113
JP2019064606 A1	20210115	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210113
JP2019064606 A1	20210115	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6825123 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6825123 B1	20210203	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6825123 B1	20370929	PEXP		Calculated Patent Term Expiry	
PH2020500502 A	20210517	LSPB	+	published / reissued	
TW201927620 A	20190716	LSPB	+	published / reissued	
TWI727210 B	20210511	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI727210 B	20380927	PEXP		Calculated Patent Term Expiry	
US2020283085 AA	20200306	LSAS	AS	ASSIGNMENT	PartyType: owner Owner: HONDA MOTOR CO., LTD., JAPAN OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:OKUBO, KATSUYUKI;KURAMOCHI, AKIRA;NISHIDA, SHOGO;REEL/FRAME:052034/0155 Effective date: 20200302
US2020283085 AA	20200618		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2020283085 AA	20200618		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2020283085 AA	20200910	LSPB	+	published / reissued	
WO19064606 A1	20190404	LSPB	+	published / reissued	
WO19064606 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 17926510 Kind code of Ref document: A1 Country of Ref document: EP
WO19064606 A1	20190912		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO19064606 A1	20191224	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2019544202 Kind code of Ref document: A Country of Ref document: JP
WO19064606 A1	20200327	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2017926510 Effective date: 20200317 Country of Ref document: EP
WO19064606 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE

96) Family number: 51716688 (US2012199408 AA)

Title: **SADDLE** -RIDE TYPE VEHICLE

Abstract: A **saddle** -ride type vehicle can include a pair of left and right **seat** rails, a fuel tank attached to the **seat** rails, a rear fender arranged below the fuel tank, and a canister arranged above the rear fender and adsorbing fuel gas which evaporates in the fuel tank. The canister is arranged under a rear portion of the fuel tank, at least partially superposed on the fuel tank as viewed from a plan view of the vehicle, and arranged in a vehicle forward direction with respect to a cross member which interconnects rear portions of the pair of left and right **seat** rails.

Classifications:
International (IPC 8-9): A63G B60K15/03 B62J1/12 B62J1/28 B62J15/00 B62J35/00 B62J37/00 B62K11/00 B62K11/04 F02M33/02 F02M33/04
International (IPC 1-7): B62J1/12 B62J1/28 B62J15/00 B62J35/00 B62J37/00
CPC: B62J35/00 B62J37/00 B62K2202/00
US: 123/519 180/219



Family:

Publication number	Publication date	Application number	Application date
CN102632946 A	20120815	CN201210026252	20120207
CN102632946 B	20141022	CN201210026252	20120207
IN00455CH2012 A	20130614	IN2012CH00455	20120207
IN332037 B	20200221	IN2012CH00455	20120207
JP2012162243 A2	20120830	JP20110026306	20110209
JP5634290 B2	20141203	JP20110026306	20110209
TH123733 A	20130523	TH20121000175	20120117
TH63748 B	20180718	TH20121000175	20120117
US2012199408 AA	20120809	US20120363836	20120201
US8899367 BB	20141202	US20120363836	20120201
VN18596 A1	20180425	VN20120000294	20120206

Priority:
JP20110026306 20110209

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): ATSUCHI MICHIO ; HAYASHI TAKAZUMI ; HONDA MOTOR CO LTD ; KAWAMATA MASAHIRO
Assignee(s): HONDA MOTOR CO ; HONDA MOTRO CO LTD
Inventor(s): (std): ATSUCHI MICHIO ; ATSUJI MICHIO ; HAYASHI KEIZAI ; HAYASHI TAKAZUMI ; KAWAMATA MASAHIRO ; MASAHIRO KAWAMATA ; MICHIO ATSUCHI ; TAKAZUMI HAYASHI
Agent(s): SQUIRE PATTON BOGGS US LLP; SUMIYOSHI KATSUHIKO

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN102632946 A	20120815	LSPB	+	published / reissued	
CN102632946 A	20120815	LSPB	+C06	PUBLICATION	
CN102632946 A	20121003		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN102632946 B	20141022	LSGT	+	granted / extensions (spc, cpc, pte)	
CN102632946 B	20141022	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN102632946 B	20320207	PEXP		Calculated Patent Term Expiry	
IN00455CH2012 A	20130614	LSPB	+	published / reissued	
IN332037 B	20200221	LSGT	+	granted / extensions (spc, cpc, pte)	
IN332037 B	20320207	PEXP		Calculated Patent Term Expiry	

JP2012162243 A2	20120830	LSPB	+	published / reissued	
JP2012162243 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20131127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012162243 A2	20140627		A977	REPORT ON RETRIEVAL	Effective date: 20140626 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2012162243 A2	20140709	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140708 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012162243 A2	20140909	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20140908 Text: JAPANESE INTERMEDIATE CODE: A523
JP2012162243 A2	20140926	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012162243 A2	20141008	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20141007 Text: JAPANESE INTERMEDIATE CODE: A01
JP2012162243 A2	20141023	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20141014 Text: JAPANESE INTERMEDIATE CODE: A61
JP2012162243 A2	20141024	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5634290 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5634290 B2	20141009	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5634290 B2	20141009	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20141007
JP5634290 B2	20141021	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5634290 B2	20141021	LSFE	R100	特許料納付書 (Patent fee payment form)	Text: 51402109397 Effective date: 20141014
JP5634290 B2	20141024	LSGT	+R150	特許証 (Patent certificate)	
JP5634290 B2	20141024	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20141104
JP5634290 B2	20141203	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5634290 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5634290 B2	20170803	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20170727 Text: 51701586590
JP5634290 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5634290 B2	20170808	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170815
JP5634290 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5634290 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51801521710 Effective date: 20180725
JP5634290 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5634290 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension	Effective date: 20180814

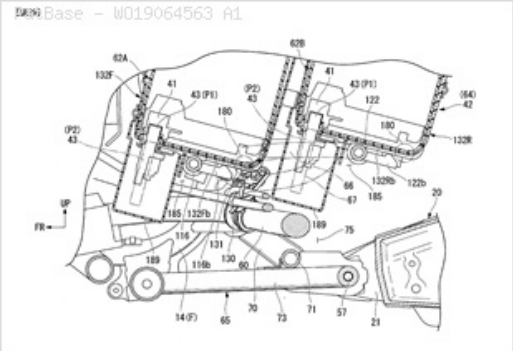
				receipt (bulk))	
JP5634290 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5634290 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20190830 Text: 51901838156
JP5634290 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5634290 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5634290 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190920
JP5634290 B2	20200901	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001777134 Effective date: 20200831
JP5634290 B2	20200902	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200925
JP5634290 B2	20310209	PEXP		Calculated Patent Term Expiry	
TH123733 A	20130523	LSPB	+	published / reissued	
TH63748 B	20180718	LSGT	+	granted / extensions (spc, cpc, pte)	
TH63748 B	20320117	PEXP		Calculated Patent Term Expiry	
US2012199408 AA	20120809	LSPB	+	published / reissued	
US2012199408 AA	20141112	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US8899367 BB	20120201	LSAS	AS	ASSIGNMENT	Effective date: 20120127 PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:HAYASHI, TAKAZUMI;ATSUCHI, MICHIO;KAWAMATA, MASAHIRO;REEL/FRAME:027635/0753 Owner: HONDA MOTOR CO., LTD., JAPAN
US8899367 BB	20141112	LSGT	PAT1	Patented Case	
US8899367 BB	20141202	LSGT	+	granted / extensions (spc, cpc, pte)	
US8899367 BB	20180517	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US8899367 BB	20320826	PEXP		Calculated Patent Term Expiry (PTA 207 days)	
VN18596 A1	20180425	LSGT	+	granted / extensions (spc, cpc, pte)	

97) Family number: 73838661 (WO19064563 A1)

Title: BATTERY STORAGE DEVICE FOR ELECTRICALLY-DRIVEN VEHICLE

Abstract: This electrically-driven vehicle battery storage device is provided with: a terminal displacement **mechanism** (45) that displaces case-side connection terminals (43) each between a connection position (P1) and a retraction position (P2); bottoms walls (132Fb, 132Rb) that are provided to lower ends of case bodies (132F, 132R) of a battery case (42) so as to be inclined to the rear and downward; and draining parts (180) that are provided to the rear sides of the bottom walls (132Fb, 132Rb) and that can discharge water that has infiltrated the case bodies (132F, 132R), wherein the case-side connection terminals (43) are disposed on the front side of the bottoms walls (132Fb, 132Rb), the case-side connection terminals (43) are disposed below the bottoms walls (132Fb, 132Rb) at the retraction position (P2), and cross members (116, 122) that extend in the vehicle width direction in a battery support frame (110) of the battery case (42) are disposed in recesses (185) formed by the bottom walls (132Fb, 132Rb) and the case-side connection terminals (43) located at the retraction position (P2).

Classifications:
International (IPC 8-9): B60K1/04 B62J11/00 B62J11/19 B62J43/10 B62J43/16 B62J43/20 B62J99/00 B62K11/02 B62K19/30 B62M6/90 H01M2/10 H01M50/20 H01M50/249
CPC: B60K1/04 B62J43/16 B62J43/20 H01M50/20 Y02E60/10



Family:

Publication number	Publication date	Application number	Application date
CN111315645 A	20200619	CN201780095213	20170929
CN111315645 B	20210608	CN201780095213	20170929
IN202047011825 A	20200515	IN202047011825	20200319
JP2019064563 A1	20200416	JP20190544161T	20170929
JP6874144 B1	20210519	JP20190544161T	20170929
TW201917058 A	20190501	TW20180133972	20180927
TWI687343 B	20200311	TW20180133972	20180927
WO19064563 A1	20190404	WO2017JP35689	20170929

Priority:
WO2017JP35689 20170929

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KURAMOCHI AKIRA ; NISHIDA SHOGO ; OKUBO KATSUYUKI
Inventor(s): AKIRA KURAMOCHI ; KATSUYUKI OKUBO ; SHOGO NISHIDA
Agent(s): TAZAKI AKIRA ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111315645 A	20200619	LSPB	+	published / reissued	
CN111315645 A	20200619	LSPB	PB01	PUBLICATION	
CN111315645 A	20200619	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111315645 A	20200714		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111315645 A	20200714		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
CN111315645 B	20210608	LSGT	+	granted / extensions (spc, cpc, pte)	
CN111315645 B	20210608	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN111315645 B	20370929	PEXP		Calculated Patent Term Expiry	
IN202047011825 A	20200515	LSPB	+	published / reissued	
JP2019064563 A1	20191216	LSES	+A621	出願審査請求書 (Request for Examination)	Effective date: 20191216

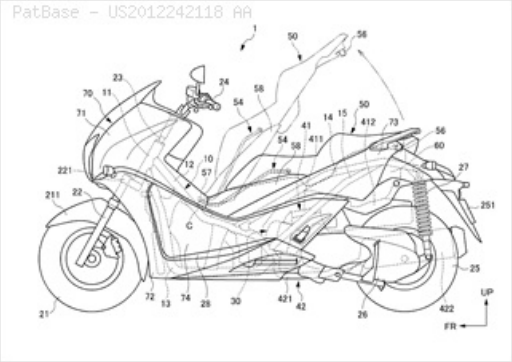
JP2019064563 A1	20191216		A632	国内書面 (National Entry Form)	Effective date: 20191216
JP2019064563 A1	20200310		A231	出願番号特定通知書 (Notification of Determination of Application Number)	Effective date: 20200310
JP2019064563 A1	20200416	LSPB	+	published / reissued	
JP2019064563 A1	20210325	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2019064563 A1	20210406	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20210406 Text: JAPANESE INTERMEDIATE CODE: A01
JP2019064563 A1	20210406	LSGT	+A01	特許査定 (Decision of patent grant)	Effective date: 20210406
JP2019064563 A1	20210423	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20210421 Text: JAPANESE INTERMEDIATE CODE: A61
JP2019064563 A1	20210423	LSFE	+A61	登録料納付 (Registration fee payment)	Effective date: 20210421
JP2019064563 A1	20210423	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 6874144 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP6874144 B1	20210519	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6874144 B1	20370929	PEXP		Calculated Patent Term Expiry	
TW201917058 A	20190501	LSPB	+	published / reissued	
TWI687343 B	20200311	LSGT	+	granted / extensions (spc, cpc, pte)	
TWI687343 B	20380927	PEXP		Calculated Patent Term Expiry	
WO19064563 A1	20190404	LSPB	+	published / reissued	
WO19064563 A1	20190515		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 17926663 Country of Ref document: EP
WO19064563 A1	20191216	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2019544161 Country of Ref document: JP
WO19064563 A1	20200331	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19064563 A1	20201111	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 17926663 Country of Ref document: EP

98) Family number: 51961829 (US2012242118 AA)

Title: **SEAT** STRUCTURE FOR **SADDLE** -RIDE TYPE VEHICLE

Abstract: A **seat** structure for a **saddle** -ride type vehicle, the **seat** structure including an outer frame portion in which a through-hole is formed at least at a **seating** position for the occupant to sit on; a **seat** skin that has elasticity is fixed to the outer frame portion while predetermined tensile force is applied thereto, and is disposed to cover a portion facing the through-hole; and a cushion member that is disposed between an upper surface of the outer frame portion and the **seat** skin, and bulges above an outer edge of the outer frame portion.

Classifications:
International (IPC 8-9): B62J1/00 B62J1/12 B62J1/18 B62J7/02 B62K19/46
CPC: B62J1/12 B62J1/18 B62K19/46
US: 297/188.09 297/195.12 297/202 297/214 297/243



Family:

Publication number	Publication date	Application number	Application date
JP2012201240 A2	20121022	JP20110068158	20110325
JP5718699 B2	20150513	JP20110068158	20110325
US2012242118 AA	20120927	US20120410384	20120302
US9027992 BB	20150512	US20120410384	20120302

Priority:
JP20110068158 20110325

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD ; KAWATANI SHINJI ; KURAKAWA YUKINORI ; NAKAGAWA MITSUO
Assignee(s): HONDA MOTOR CO
Inventor(s): (std): KAWATANI SHINJI ; KURAKAWA YUKINORI ; NAKAGAWA MITSUO
Agent(s): RANKIN HILL AND CLARK LLP; SHOBAYASHI MASAYUKI

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
JP2012201240 A2	20121022	LSPB	+	published / reissued	
JP2012201240 A2	20131128	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Effective date: 20131127 Text: JAPANESE INTERMEDIATE CODE: A621
JP2012201240 A2	20140829		A977	REPORT ON RETRIEVAL	Effective date: 20140828 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2012201240 A2	20140910	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20140909 Text: JAPANESE INTERMEDIATE CODE: A131
JP2012201240 A2	20141105	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20141104 Text: JAPANESE INTERMEDIATE CODE: A523
JP2012201240 A2	20150303	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2012201240 A2	20150311	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20150310 Text: JAPANESE INTERMEDIATE CODE: A01
JP2012201240 A2	20150326	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20150319 Text: JAPANESE INTERMEDIATE CODE: A61
JP2012201240 A2	20150327	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5718699 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP

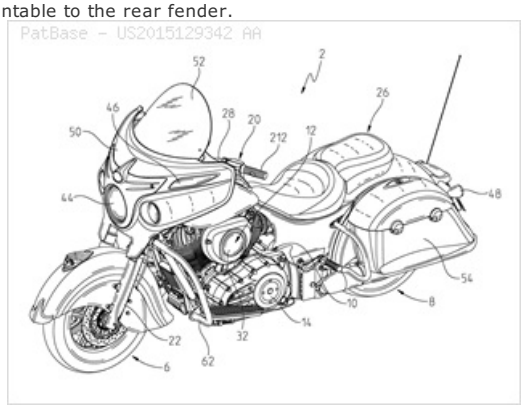
JP5718699 B2	20150312	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5718699 B2	20150312	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20150310
JP5718699 B2	20150324	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5718699 B2	20150324	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20150319 Text: 51500575721
JP5718699 B2	20150327	LSGT	+R150	特許証 (Patent certificate)	
JP5718699 B2	20150327	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20150407
JP5718699 B2	20150513	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5718699 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5718699 B2	20171102	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20171030 Text: 51702284602
JP5718699 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5718699 B2	20171114	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20171121
JP5718699 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5718699 B2	20181101	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51802211954 Effective date: 20181026
JP5718699 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5718699 B2	20181225	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20190108
JP5718699 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20191206
JP5718699 B2	20191212	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51902564131 Effective date: 20191206
JP5718699 B2	20191217	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200107
JP5718699 B2	20201130	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52002442726 Effective date: 20201127
JP5718699 B2	20201201	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20201218
JP5718699 B2	20310325	PEXP		Calculated Patent Term Expiry	
US2012242118 AA	20120927	LSPB	+	published / reissued	
US2012242118 AA	20150422	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9027992 BB	20120302	LSAS	AS	ASSIGNMENT	Effective date: 20120207 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KAWATANI, SHINJI;NAKAGAWA, MITSUO;KURAKAWA, YUKINORI;REEL/FRAME:027798/0844 Owner: HONDA MOTOR CO., LTD., JAPAN PartyType: owner
US9027992 BB	20150422	LSGT	PAT1	Patented Case	
US9027992 BB	20150512	LSGT	+	granted / extensions (spc, cpc, pte)	
US9027992 BB	20181101	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4

US9027992 BB	20330123	PEXP	Calculated Patent Term Expiry (PTA 327 days)

99) Family number: 55297691 (US2015129342 AA)

Title: TWO-WHEELED VEHICLE

Abstract: A two-wheeled vehicle includes a frame having a front frame portion, a mid-frame portion, and a rear frame portion. The mid-frame portion is coupled to the rear frame portion and the front frame portion. The vehicle further includes a plurality of ground-engaging members for supporting the frame. The engine includes an air deflector to assist in cooling a rear cylinder of a V-twin engine. An accessory windshield is also shown which may be coupled to the handlebars and front forks of the vehicle. Also, a rear accessory attachment is shown mountable to the rear fender.



Classifications:
International (IPC 8-9): B60K13/02 B60K28/02 B60K28/04 B60R25/06 B60W30/14 B62J15/00 B62J15/02 B62J17/00 B62J17/02 B62J17/04 B62J17/06 B62J23/00 B62J25/00 B62J33/00 B62J6/022 B62J7/04 B62J9/00 B62J9/20 B62J9/23 B62J9/27 B62J99/00 B62K11/04 B62K19/30 B62K19/48 B62K21/02 B62K21/12 B62K21/18 B62K21/26 B62K23/02 B62K23/04 B62K23/06 B62M7/02 F01P1/02 F02B61/02 F02M35/02 F02M35/04 F02M35/116 F02M35/16 F16H1/00 F16M13/02
CPC: B62J17/04 B62J33/00 B62K11/04 F01P2001/026 F02B61/02 F02M35/0201 F02M35/116 F02M35/162 F16B2200/10 F01P1/02 F02M35/042 B60K13/02 B60K13/04 B60Y2200/12 B62J15/00 B62J15/02 B62J17/02 B62J25/00 B62J6/022 B62J9/00 B62J9/20 B62J9/23 B62J9/27 B62K11/02 B62K19/48 B62K21/02 B62K21/04 B62K23/00 B62M7/02 F01L13/085 F01L2305/00 F01N13/10 F02D41/062 F02D41/24 F02M35/02 F02M35/10013 F02N11/0803 F02N11/0807 F16B13/0841 F16H2057/0203 F16H2057/02065 F16H2063/3093 F16H2200/0052 F16H3/089 F16H57/043 F16H57/0441 F16H57/0471 F16H57/0494 F16H63/18 B60Y2410/124 B62J17/06 B62J23/00 B62J45/20 B62J45/40 B62J99/00 B62K19/30 B62K21/12 B62K21/18 B62K21/26 B62K23/02 B62K23/04 B62K23/06 B60K28/02 B60K28/04 B60R25/06 B62J7/04 F02M35/0215 F16M13/02 Y10T403/7039
US: 1/1 180/219 24/289 296/78.1 403/361 55/342 701/36 D12/110
Locarno class: 12/11

Family:

Publication number	Publication date	Application number	Application date
AU350345 S	20130826	AU20130012149F	20130509
AU350346 S	20130826	AU20130013486F	20130509
AU355939 S	20140616	AU20140012316F	20140514
AU2014346428 AA	20160609	AU20140346428	20141111
AU2014346428 BB	20180621	AU20140346428	20141111
AU2018222903 AA	20180913	AU20180222903	20180828
BR112016010543 A2	20170808	BR20161110543	20141111
CA151025 S	20150309	CA20130151025F	20130507
CA156617 S	20150309	CA20140156617F	20140514
CA2929306 AA	20160429	CA20142929306	20141111
CN302629595 S	20131106	CN201330174408F	20130513
CN303011360 S	20141126	CN201430131591F	20140514
CN105723081 A	20160629	CN201480061347	20141111
DE602014013989 D1	20171012	DE201460013989T	20141111
EP3068651 A2	20160921	EP20140816463	20141111
EP3068651 B1	20170830	EP20140816463	20141111
EP3763609 A1	20210113	EP20200192393	20131112
ID20140003677 D1	20160630	ID2014A0003677F	20141230
IN201617019566 A	20160831	IN201617019566	20160607
JP2016539839 T2	20161222	JP20160526840T	20141111
JP6483112 B2	20190313	JP20160526840T	20141111
USD722538 S1	20150217	US20120437022F	20121112
US2015130209 AA	20150514	US20130077037	20131111
US9216789 BB	20151222	US20130077037	20131111
USD716702 S1	20141104	US20130472665F	20131114
US2015129342 AA	20150514	US20140341356	20140725
US9394859 BB	20160719	US20140341356	20140725
US2015353156 AA	20151210	US20150827038	20150814
US9550541 BB	20170124	US20150827038	20150814
US2016298807 AA	20161013	US20160183638	20160615
US9958111 BB	20180501	US20160183638	20160615
US10183717 BB	20190122	US20160387504	20161221
US2017101149 AA	20170413	US20160387504	20161221
US10760730 BB	20200901	US20180937190	20180327
US2018216780 AA	20180802	US20180937190	20180327
US2020355318 AA	20201112	US20200940729	20200728
WO15070216 A2	20150514	WO2014US65012	20141111
WO15070216 A3	20150730	WO2014US65012	20141111

Priority:

US20120437022F 20121112
US20130077037 20131111
US20130472665F 20131114
AU20140346428 20141111
US20150827038 20150814
US20180937190 20180327
US20120725440P 20121112
EP20130798820 20131112
US20140341356 20140725
EP20140816463 20141111
US20160183638 20160615
AU20180222903 20180828
US20130773708P 20130306
WO2013US69726 20131112
WO2014US65012 20141111
ID2014A0003677F 20141230
US20160387504 20161221
US20200940729 20200728

Probable Assignee: INDIAN MOTORCYCLE INT LLC

Assignee(s): (std): INDIAN MOTORCYCLE INT ; INDIAN MOTORCYCLE INT LLC ; POLARIS INC

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Agent(s):	DR BELINDA ROSALINA SH LLM; FAEGRE BAKER DANIELS LLP; FAEGRE DRINKER BIDDLE AND REATH LLP; GRIFFITH HACK; MARKS AND CLERK; REUTELER AND CIE SA; SIM AND MCBURNEY; VAN DALEN JESSICA L; WATERMARK INTELLECTUAL PROPERTY PTY LTD; WATERMARK PATENT AND TRADE MARKS ATTORNEYS
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2014346428 AA	20160609	LSPB	+	published / reissued	
AU2014346428 AA	20160714	LSAS	PC1	ASSIGNMENT BEFORE GRANT (SECT. 113)	Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC PartyType: owner OldParty: FORMER APPLICANT(S): POLARIS INDUSTRIES INC.
AU2014346428 BB	20180621	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2014346428 BB	20181018	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2014346428 BB	20210610	LSLE	-MK14	PATENT CEASED SECTION 143(A) (ANNUAL FEES NOT PAID) OR EXPIRED	
AU2014346428 BB	20341111	PEXP		Calculated Patent Term Expiry	
AU2018222903 AA	20180913	LSPB	+	published / reissued	
AU2018222903 AA	20190606	LSLE	-MK4	APPLICATION LAPSED SECTION 142(2)(D) - NO CONTINUATION FEE PAID FOR THE APPLICATION	
AU2018222903 AA	20190711		NA	APPLICATIONS RECEIVED FOR EXTENSIONS OF TIME, SECTION 223	Text: AN APPLICATION TO EXTEND THE TIME FROM 11 NOV 2018 TO 11 JUN 2019 IN WHICH TO PAY A CONTINUATION FEE HAS BEEN FILED
AU2018222903 AA	20191003		NB	APPLICATIONS ALLOWED - EXTENSIONS OF TIME SECTION 223(2)	Text: THE TIME IN WHICH TO PAY A CONTINUATION FEE HAS BEEN EXTENDED TO 11 JUN 2019
AU2018222903 AA	20210610	LSLE	-MK4	APPLICATION LAPSED SECTION 142(2)(D) - NO CONTINUATION FEE PAID FOR THE APPLICATION	
AU350345 S	20130826	LSGT	+	granted / extensions	

				(spc, cpc, pte)	
AU350346 S	20130826	LSGT	+	granted / extensions (spc, cpc, pte)	
AU355939 S	20140616	LSGT	+	granted / extensions (spc, cpc, pte)	
BR112016010543 A2	20170808	LSPB	+	published / reissued	
CA151025 S	20150309	LSGT	+	granted / extensions (spc, cpc, pte)	
CA151025 S	20250309	PEXP		Calculated Patent Term Expiry	
CA156617 S	20150309	LSGT	+	granted / extensions (spc, cpc, pte)	
CA156617 S	20250309	PEXP		Calculated Patent Term Expiry	
CA2929306 AA	20160429	LSPB	+	published / reissued	
CA2929306 AA	20181024	LSES	+EEER	EXAMINATION REQUEST	Effective date: 20181017
CN105723081 A	20160629	LSPB	+	published / reissued	
CN105723081 A	20160629	LSPB	+C06	PUBLICATION	
CN105723081 A	20160914	LSAS	C41	TRANSFER OF PATENT APPLICATION OR PATENT RIGHT OR UTILITY MODEL	
CN105723081 A	20170503		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN302629595 S	20131106	LSGT	+	granted / extensions (spc, cpc, pte)	
CN302629595 S	20230513	PEXP		Calculated Patent Term Expiry	
CN303011360 S	20141126	LSGT	+	granted / extensions (spc, cpc, pte)	
CN303011360 S	20240514	PEXP		Calculated Patent Term Expiry	
EP3068651 A2	20160921	LSPB	+	published / reissued	
EP3068651 A2	20160921	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20160527
EP3068651 A2	20160921		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A2 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3068651 A2	20160921		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3068651 A2	20161026	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC PartyType: owner
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: HAMLIN, STEVEN M. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: ZELLMER, CLARK PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION	Inventor: NOTARO, JOEL M.

				ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: LENTON, RYAN P.
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: NUTTER, JOHN M.
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: CHRISTOPH, RICHARD J. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: PARNOFIELLO, LAUREN E.
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: BAGNARIOL, DAVID LOUIS
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: JOHNSON, CAL W. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: NOVAK, ANDREW J. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: QUADE, NEIL P
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: SONG, MICHAEL M. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: CUNNINGHAM, CHAD MICHAEL
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: O'ROURKE, BRYAN D.
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: ZINDA, TODD M. PartyType: inventor
EP3068651 A2	20161109		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: KAHL, DONALD W.
EP3068651 A2	20170215		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3068651 A2	20170503	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20170404
EP3068651 B1	20170830	LSGT	+	granted / extensions (spc, cpc, pte)	
EP3068651 B1	20170830		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP3068651 B1	20170830	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP3068651 B1	20170831		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: NV Ref country code: CH PartyType: representative

					Representative: REUTELER AND CIE S.A., CH
EP3068651 B1	20170831	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP3068651 B1	20170915	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: REF Ref document number: 923163 Ref country code: AT Kind code of Ref document: T Effective date: 20170915 Country of Ref document: AT
EP3068651 B1	20170920	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP3068651 B1	20171012	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602014013989 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP3068651 B1	20171121	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PLFP Year of fee payment: 4 Ref country code: FR
EP3068651 B1	20171128		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: TRGR Ref country code: SE
EP3068651 B1	20180103		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MP Effective date: 20170830 Ref country code: NL
EP3068651 B1	20180110	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP3068651 B1	20180115	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Effective date: 20170830 Kind code of Ref document: T Ref document number: 923163 Ref legal event code: MK05 Country of Ref document: AT
EP3068651 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP3068651 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20171130 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP3068651 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP3068651 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: HR
EP3068651 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: LT
EP3068651 B1	20180131	LSFE	+PGFP	ANNUAL FEE	Payment date: 20171121

				PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Country of Ref document: DE
EP3068651 B1	20180131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171121 Country of Ref document: FR
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20171130 Country of Ref document: BG
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20171230 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: RS
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: ES
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20171201 Country of Ref document: GR
EP3068651 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: LV
EP3068651 B1	20180228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171130 Country of Ref document: IT

EP3068651 B1	20180228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171120 Country of Ref document: CH
EP3068651 B1	20180228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 4 Payment date: 20171120 Country of Ref document: SE
EP3068651 B1	20180330	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP3068651 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: DK
EP3068651 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP3068651 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP3068651 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP3068651 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: SM
EP3068651 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: SK

				OFFICE TO EPO]	
EP3068651 B1	20180531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP3068651 B1	20180531	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602014013989 Ref country code: DE Ref legal event code: R097 Country of Ref document: DE
EP3068651 B1	20180629	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP3068651 B1	20180808	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20180531
EP3068651 B1	20180831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20171111 Country of Ref document: LU
EP3068651 B1	20180831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: SI
EP3068651 B1	20180831	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM Effective date: 20171130 Ref country code: BE
EP3068651 B1	20180905	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM4A Ref country code: IE
EP3068651 B1	20180928	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20171111 Country of Ref document: MT
EP3068651 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20171111 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IE
EP3068651 B1	20181130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20171130 Country of Ref document: BE
EP3068651 B1	20190131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Payment date: 20181120 Year of fee payment: 5 Country of Ref document: DE

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EP3068651 B1	20190131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20181120 Country of Ref document: SE
EP3068651 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181123 Year of fee payment: 5 Country of Ref document: FR
EP3068651 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181120 Year of fee payment: 5 Country of Ref document: GB
EP3068651 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20181126 Country of Ref document: IT
EP3068651 B1	20190228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20181120 Year of fee payment: 5 Country of Ref document: CH
EP3068651 B1	20190628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20141111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Country of Ref document: HU
EP3068651 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CY
EP3068651 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: MK

				EPO]	
EP3068651 B1	20200131	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20191121 Year of fee payment: 6 Country of Ref document: DE
EP3068651 B1	20200228	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20191120 Year of fee payment: 6 Country of Ref document: FR
EP3068651 B1	20200331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP3068651 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20191120 Country of Ref document: GB
EP3068651 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170830 Country of Ref document: PT
EP3068651 B1	20200630	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EUG Ref country code: SE
EP3068651 B1	20200630	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP3068651 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20191130 Country of Ref document: LI
EP3068651 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170830 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP3068651 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20191130 Country of Ref document: CH

EP3068651 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20191112 Country of Ref document: SE
EP3068651 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191111 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IT
EP3068651 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20201120 Country of Ref document: GB
EP3068651 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20201120 Year of fee payment: 7 Country of Ref document: FR
EP3068651 B1	20210129	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 7 Payment date: 20201119 Country of Ref document: DE
EP3068651 B1	20341111	PEXP		Calculated Patent Term Expiry	
EP3763609 A1	20201211		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP3763609 A1	20201211		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: THE APPLICATION HAS BEEN PUBLISHED
EP3763609 A1	20210113	LSPB	+	published / reissued	
EP3763609 A1	20210113		AC	DIVISIONAL APPLICATION: REFERENCE TO EARLIER APPLICATION	Kind code of Ref document: P Ref document number: 2917094 Country of Ref document: EP
EP3763609 A1	20210113		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
ID20140003677 D1	20160630	LSPB	+	published / reissued	
IN201617019566 A	20160831	LSPB	+	published / reissued	

JP2016539839 T2	20161222	LSPB	+	published / reissued	
JP2016539839 T2	20171108	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20171108 Text: JAPANESE INTERMEDIATE CODE: A523
JP2016539839 T2	20171108	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20171108
JP2016539839 T2	20180104	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20171214
JP2016539839 T2	20180803		A977	REPORT ON RETRIEVAL	Effective date: 20180803 Text: JAPANESE INTERMEDIATE CODE: A971007
JP2016539839 T2	20180821	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20180821
JP2016539839 T2	20181120	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20181120
JP2016539839 T2	20190108	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2016539839 T2	20190116	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20190116
JP2016539839 T2	20190221	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20190213
JP2016539839 T2	20190222	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 6483112 Country of Ref document: JP
JP6483112 B2	20190124	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP6483112 B2	20190219	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP6483112 B2	20190222	LSGT	+R150	特許証 (Patent certificate)	
JP6483112 B2	20190313	LSGT	+	granted / extensions (spc, cpc, pte)	
JP6483112 B2	20341111	PEXP		Calculated Patent Term Expiry	
US10183717 BB	20190101	LSGT	PAT1	Patented Case	
US10183717 BB	20190122	LSGT	+	granted / extensions (spc, cpc, pte)	
US10183717 BB	20331111	PEXP		Calculated Patent Term Expiry (a terminal disclaimer has been filed)	
US10760730 BB	20180327	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10760730 BB	20180330	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:OLTMANS, JEFFREY D.;REEL/FRAME:045397/0261 PartyType: owner Effective date: 20171208 Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA
US10760730 BB	20200901	LSGT	+	granted / extensions (spc, cpc, pte)	
US10760730 BB	20331113	PEXP		Calculated Patent Term Expiry (PTA 2 days)	

US2015129342 AA	20150514	LSPB	+	published / reissued	
US2015129342 AA	20160629	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2015130209 AA	20150514	LSPB	+	published / reissued	
US2015130209 AA	20151202	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2015353156 AA	20151210	LSPB	+	published / reissued	
US2015353156 AA	20161213	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:LENTON, RYAN P.;KAHL, DONALD W.;NUTTER, JOHN M.;AND OTHERS;SIGNING DATES FROM 20151116 TO 20151202;REEL/FRAME:040721/0320 PartyType: owner Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA
US2015353156 AA	20170104	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2016298807 AA	20160922		RFE1	Docketed New Case - Ready for Examination	
US2016298807 AA	20161013	LSPB	+	published / reissued	
US2016298807 AA	20170526	LSES	NFA1	Non Final Action Mailed	
US2016298807 AA	20170902		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2016298807 AA	20171019	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2016298807 AA	20171214	LSAS	AS	ASSIGNMENT	Effective date: 20171208 PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:OLTMANS, JEFFREY D.;REEL/FRAME:044398/0133 Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA
US2016298807 AA	20171228	LSES	ALW2	Allowed -- Notice of Allowance Not Yet Mailed	
US2016298807 AA	20171229	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2016298807 AA	20180326	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2016298807 AA	20180329	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2016298807 AA	20180411	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2017101149 AA	20170131		RFE1	Docketed New Case - Ready for Examination	
US2017101149 AA	20170413	LSPB	+	published / reissued	
US2017101149 AA	20170503	LSAS	AS	ASSIGNMENT	Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:HOLT, AUSTIN;NUTTER, JOHN M.;SIGNING

					DATES FROM 20170407 TO 20170420;REEL/FRAME:042233/0001 PartyType: owner
US2017101149 AA	20180202	LSES	NFA1	Non Final Action Mailed	
US2017101149 AA	20180626		FRM2	Final Rejection Counted, Not Yet Mailed	
US2017101149 AA	20180627		FRM1	Final Rejection Mailed	
US2017101149 AA	20190101	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2018216780 AA	20180802	LSPB	+	published / reissued	
US2018216780 AA	20180802	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:LENTON, RYAN P.;KAHL, DONALD W.;NOVAK, ANDREW J.;AND OTHERS;SIGNING DATES FROM 20180517 TO 20180621;REEL/FRAME:046541/0097 Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA PartyType: owner
US2018216780 AA	20180928		RFE1	Docketed New Case - Ready for Examination	
US2018216780 AA	20180928		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2018216780 AA	20190906	LSES	NFA1	Non Final Action Mailed	
US2018216780 AA	20190906		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2018216780 AA	20200122		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2018216780 AA	20200122		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
US2018216780 AA	20200427	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2018216780 AA	20200427		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2018216780 AA	20200622	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2018216780 AA	20200622		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2018216780 AA	20200727	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2018216780 AA	20200727		STPP	INFORMATION	Text: PUBLICATIONS -- ISSUE FEE

				ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	PAYMENT RECEIVED
US2018216780 AA	20200812	LSGT	PAT1	Patented Case	
US2018216780 AA	20200812	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2020355318 AA	20200924		RFE1	Docketed New Case - Ready for Examination	
US2020355318 AA	20200924		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2020355318 AA	20201112	LSPB	+	published / reissued	
US9216789 BB	20131125	LSAS	AS	ASSIGNMENT	Owner: POLARIS INDUSTRIES INC., MINNESOTA OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:HAMLIN, STEVEN M;QUADE, NEIL P;ZELLMER, CLARK E;AND OTHERS;SIGNING DATES FROM 20131122 TO 20131125;REEL/FRAME:031669/0547 PartyType: owner
US9216789 BB	20131126	LSAS	AS	ASSIGNMENT	PartyType: owner OldParty: CORRECTIVE ASSIGNMENT TO CORRECT THE ASSIGNEE SHOULD BE "INDIAN MOTORCYCLE INTERNATIONAL, LLC" PREVIOUSLY RECORDED ON REEL 031669 FRAME 0547. ASSIGNOR(S) HEREBY CONFIRMS THE INSTEAD OF "POLARIS INDUSTRIES INC.";ASSIGNORS:HAMLIN, STEVEN M;QUADE, NEIL P;ZELLMER, CLARK E;AND OTHERS;SIGNING DATES FROM 20131122 TO 20131125;REEL/FRAME:031730/0465 Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA
US9216789 BB	20151116	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US9216789 BB	20151202	LSGT	PAT1	Patented Case	
US9216789 BB	20151222	LSGT	+	granted / extensions (spc, cpc, pte)	
US9216789 BB	20190610	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9216789 BB	20331111	PEXP		Calculated Patent Term Expiry	
US9394859 BB	20141008	LSAS	AS	ASSIGNMENT	PartyType: owner Owner: POLARIS INDUSTRIES INC., MINNESOTA OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:O'ROURKE, BRYAN D.;JOHNSON, CAL W.;CUNNINGHAM, CHAD M.;AND OTHERS;SIGNING DATES FROM 20140827 TO 20140912;REEL/FRAME:033907/0087
US9394859 BB	20150226	LSAS	AS	ASSIGNMENT	Owner: INDIAN MOTORCYCLE INTERNATIONAL, LLC, MINNESOTA Effective date: 20150121 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:POLARIS INDUSTRIES INC.;REEL/FRAME:035045/0296 PartyType: owner
US9394859 BB	20150923	LSES	NFA1	Non Final Action Mailed	
US9394859 BB	20160629	LSGT	PAT1	Patented Case	
US9394859 BB	20160719	LSGT	+	granted / extensions (spc, cpc, pte)	
US9394859 BB	20200108	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4

US9394859 BB	20331111	PEXP		Calculated Patent Term Expiry	
US9550541 BB	20151030		RFE1	Docketed New Case - Ready for Examination	
US9550541 BB	20170104	LSGT	PAT1	Patented Case	
US9550541 BB	20170124	LSGT	+	granted / extensions (spc, cpc, pte)	
US9550541 BB	20200714	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9550541 BB	20331111	PEXP		Calculated Patent Term Expiry	
US9958111 BB	20180411	LSGT	PAT1	Patented Case	
US9958111 BB	20180501	LSGT	+	granted / extensions (spc, cpc, pte)	
US9958111 BB	20331111	PEXP		Calculated Patent Term Expiry	
USD716702 S1	20141015	LSGT	PAT1	Patented Case	
USD716702 S1	20141104	LSGT	+	granted / extensions (spc, cpc, pte)	
USD716702 S1	20281104	PEXP		Calculated Patent Term Expiry	
USD722538 S1	20150127	LSGT	PAT1	Patented Case	
USD722538 S1	20150217	LSGT	+	granted / extensions (spc, cpc, pte)	
USD722538 S1	20290217	PEXP		Calculated Patent Term Expiry	
WO15070216 A2	20150514	LSPB	+	published / reissued	
WO15070216 A2	20150624		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A2 Ref document number: 14816463 Country of Ref document: EP
WO15070216 A3	20151029		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO15070216 A3	20160427	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2016526840 Country of Ref document: JP
WO15070216 A3	20160429	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2929306 Country of Ref document: CA
WO15070216 A3	20160511	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO15070216 A3	20160524		REG	REFERENCE TO NATIONAL CODE	Ref legal event code: B01A Ref country code: BR Ref document number: 112016010543 Country of Ref document: BR
WO15070216 A3	20160527		+REEP	REQUEST FOR ENTRY INTO THE EUROPEAN PHASE	Ref document number: 2014816463 Country of Ref document: EP
WO15070216 A3	20160527	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2014816463 Country of Ref document: EP
WO15070216 A3	20160609	LSNP	ENP	ENTRY INTO THE NATIONAL	Date of Ref document: 20141111 Kind code of Ref document: A

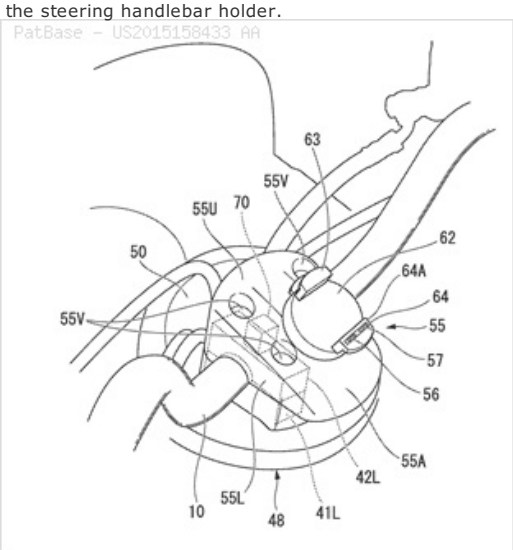
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WO15070216 A3	20170808	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 112016010543 Kind code of Ref document: A2 Effective date: 20160510 Country of Ref document: BR

100) Family number: 54705457 (US2015158433 AA)

Title: **SADDLE** -RIDE VEHICLE

Abstract: The **saddle** -ride vehicle includes: a front fork that rotatably supports a front wheel; a steering shaft that is coupled to the front fork and is steerably supported by a vehicle body frame; a steering handlebar holder that includes a lower holder and an upper holder and is provided above the steering shaft, the upper holder being in contact with the lower holder from above and fastened to the lower holder; a portable terminal holder that is fastened to the upper holder or the lower holder and capable of holding a personal digital assistance; and a steering system in which a steering handlebar pipe sandwiched between the lower holder and the upper holder is fixed to the steering handlebar holder.

Classifications:
International (IPC 8-9): B60R11/00 B60R11/02 B62J11/00 B62J23/00 B62J35/00 B62J9/00 B62J99/00 B62K11/14 B62K19/32 B62K21/02 B62K21/12 H04M1/04 H04M1/11
International (IPC 1-7): B62J11/00
CPC: B60R11/0241 B60R2011/0001 B60R2011/0007 B62J11/00 B62J50/20 B62J50/225 B62K11/14 B62K19/32 B62K21/02 H04M1/04
US: 1/1 280/270



Family:

Publication number	Publication date	Application number	Application date
AU2013227095 AA	20140403	AU20130227095	20130226
AU2013227095 BB	20151015	AU20130227095	20130226
BR112014007638 A2	20170411	BR20141107638	20130226
BR112014007638 B1	20201117	BR20141107638	20130226
CN103764490 A	20140430	CN201380002789	20130226
CN103764490 B	20160224	CN201380002789	20130226
DE602013016632 D1	20170302	DE201360016632T	20130226
DE602013063001 D1	20191128	DE201360063001T	20130226
DE602013063371 D1	20191219	DE201360063371T	20130226
EP2738073 A1	20140604	EP20130755409	20130226
EP2738073 A4	20140730	EP20130755409	20130226
EP2738073 B1	20191127	EP20130755409	20130226
EP2740658 A1	20140611	EP20140157244	20130226
EP2759460 A1	20140730	EP20140157252	20130226
EP2759460 B1	20191113	EP20140157252	20130226
EP2740652 A1	20140611	EP20140157263	20130226
EP2740652 B1	20170111	EP20140157263	20130226
ES2615112 T3	20170605	ES20140157263T	20130226
IN02362CN2014 A	20150619	IN2014CN02362	20140327
JP2014097796 A2	20140529	JP20140037532	20140227
JP5953330 B2	20160720	JP20140037532	20140227
JP2014097797 A2	20140529	JP20140037533	20140227
JP5744264 B2	20150708	JP20140037533	20140227
JP2014097798 A2	20140529	JP20140037535	20140227
JP5826314 B2	20151202	JP20140037535	20140227
JP2013129421 A1	20150730	JP20140502261T	20130226
JP5604608 B1	20141008	JP20140502261T	20130226
KR101557599 B1	20151005	KR20147006195	20130226
KR20140050096 A	20140428	KR20147006195	20130226
TH145152 A	20160205	TH20141001750	20130226
US2015158433 AA	20150611	US20130346138	20130226
US9346413 BB	20160524	US20130346138	20130226
VN17703 A1	20171127	VN20140000840	20130226
WO13129421 A1	20130906	WO2013JP55010	20130226

Priority:

JP20120047114 20120302 WO2013JP55010 20130226 EP20140157263 20130226
EP20140157252 20130226 EP20130755409 20130226 JP20140502261 20130226
JP20140502261T 20130226 JP20140037532 20140227 JP20140037533 20140227
JP20140037535 20140227

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HONDA MOTOR CO LTD

Assignee(s): HONDA GIKEN KOGYO KABUSIKI KAISHA ; HONDA MOTOR CO

Inventor(s): (std): DAISUKE KURIKI ; DAISUKE SEKIYA ; FUJIHARA KIYOTAKA ; FUJIWARA KIYOTAKA ; KIYOTAKA FUJIHARA ; KOTA TAKIZAWA ; KURIKI DAISUKE ; KUSANO TAKUHEI ; MATSUI YASUMASA ; SEKIYA DAISUKE ; TAKIZAWA KOTA ; TAKUHEI KUSANO ; TSUGUO WATANABE ; WATANABE TSUGIO ; WATANABE TSUGUO ; YASUMASA MATSUI

Inventor(s): FUJIHARA KIYOTAKA SAITAMA ; KURIKI DAISUKE SAITAMA ; KUSANO TAKUHEI SAITAMA ; MATSUI YASUMASA SAITAMA ; SEKIYA DAISUKE SAITAMA ; TAKIZAWA KOTA SAITAMA ; WATANABE TSUGUO SAITAMA

Agent(s): BEDER JENS; BIRCH STEWART KOLASCH AND BIRCH LLP; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; SHIGA MASATAKE ET AL; SPRUSON AND FERGUSON; UNGRIA JAVIER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2013227095 AA	20140403	LSPB	+	published / reissued	
AU2013227095 AA	20140410	LSRE	DA3	AMENDMENTS MADE SECTION 104	Text: THE NATURE OF THE AMENDMENT IS: AMEND THE INVENTION TITLE TO READ SADDLE-RIDE VEHICLE
AU2013227095 BB	20151015	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2013227095 BB	20160211	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2013227095 BB	20200924	LSLE	-MK14	PATENT CEASED SECTION 143(A) (ANNUAL FEES NOT PAID) OR EXPIRED	
AU2013227095 BB	20330226	PEXP		Calculated Patent Term Expiry	
BR112014007638 A2	20170411	LSPB	+	published / reissued	
BR112014007638 A2	20181204		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING [CHAPTER 6.6 PATENT GAZETTE]	
BR112014007638 A2	20200121		B06U	PRELIMINARY REQUIREMENT: REQUESTS WITH SEARCHES PERFORMED BY OTHER PATENT OFFICES: PROCEDURE SUSPENDED [CHAPTER 6.21 PATENT GAZETTE]	
BR112014007638 A2	20200721	LSGT	B09A	DECISION: INTENTION TO GRANT [CHAPTER 9.1 PATENT GAZETTE]	
BR112014007638 A2	20201117	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	Text: PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 26/02/2013, OBSERVADAS AS CONDICOES LEGAIS.
BR112014007638 B1	20201117	LSGT	+	granted / extensions (spc, cpc, pte)	
BR112014007638 B1	20330226	PEXP		Calculated Patent Term Expiry	
CN103764490 A	20140430	LSPB	+	published / reissued	
CN103764490 A	20140430	LSPB	+C06	PUBLICATION	
CN103764490 A	20140604		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN103764490 B	20160224	LSGT	+	granted / extensions (spc, cpc, pte)	

CN103764490 B	20160224	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN103764490 B	20330226	PEXP		Calculated Patent Term Expiry	
DE602013016632 D1	20191209	LSLI	R084	DECLARATION OF WILLINGNESS TO LICENCE	
DE602013016632 D1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: B62J0011000000 Text: PREVIOUS MAIN CLASS: B62J0011000000
DE602013063001 D1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationSymbol: B62J0011000000 Text: PREVIOUS MAIN CLASS: B62J0011000000 ClassificationScheme: IPC
DE602013063371 D1	20200403		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationSymbol: B62J0011000000 Text: PREVIOUS MAIN CLASS: B62J0011000000 ClassificationScheme: IPC
EP2738073 A1	20140604	LSPB	+	published / reissued	
EP2738073 A1	20140604	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140227
EP2738073 A1	20140604		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2738073 A4	20140730	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20140702
EP2738073 A4	20140730		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationSymbol: B62J 11/00 20060101AFI20140626BHEP ClassificationScheme: IPC
EP2738073 A4	20150610		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP2738073 A4	20161026	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20160927
EP2738073 A4	20180718	LSES	+R17C	FIRST EXAMINATION REPORT DESPATCHED (CORRECTED)	Effective date: 20160927
EP2738073 A4	20190715		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP2738073 A4	20190814	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190716
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: SEKIYA, DAISUKE PartyType: inventor
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: WATANABE, TSUGUO PartyType: inventor
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: TAKIZAWA, KOTA
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: MATSUI, YASUMASA PartyType: inventor
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: FUJIHARA, KIYOTAKA

EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	PartyType: inventor Inventor: KURIKI, DAISUKE
EP2738073 A4	20190814		RIN1	INFORMATION ON INVENTOR PROVIDED BEFORE GRANT (CORRECTED)	Inventor: KUSANO, TAKUHEI PartyType: inventor
EP2738073 A4	20191019	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP2738073 A4	20191025	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210
EP2738073 B1	20191127	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2738073 B1	20191127		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2738073 B1	20191127	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2738073 B1	20191129	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2738073 B1	20191215	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: REF Ref country code: AT Kind code of Ref document: T Ref document number: 1206357 Effective date: 20191215 Country of Ref document: AT
EP2738073 B1	20191219	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602013063371 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP2738073 B1	20191225	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2738073 B1	20200401		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Ref legal event code: MP Effective date: 20191127
EP2738073 B1	20200410	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MG4D Ref country code: LT
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: NL
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200227 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200227 Country of Ref document: NO
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: LT

EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200228 Country of Ref document: GR
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: SE
EP2738073 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2738073 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200312 Year of fee payment: 8 Country of Ref document: IT
EP2738073 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200226 Year of fee payment: 8 Country of Ref document: DE
EP2738073 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: HR
EP2738073 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2738073 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200327 Country of Ref document: IS
EP2738073 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2738073 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: RO
EP2738073 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2738073 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: DK

EP2738073 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200419 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2738073 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2738073 B1	20200828	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref country code: DE Ref document number: 602013063371 Country of Ref document: DE
EP2738073 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: SK
EP2738073 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2738073 B1	20200915	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref country code: AT Ref document number: 1206357 Ref legal event code: MK05 Effective date: 20191127 Country of Ref document: AT
EP2738073 B1	20200930	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2738073 B1	20201028	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20200227
EP2738073 B1	20201028	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM Ref country code: BE Effective date: 20200229
EP2738073 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191127 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2738073 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200226 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP2738073 B1	20201104	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20200828
EP2738073 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200229 Country of Ref document: LI
EP2738073 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200229 Country of Ref document: CH
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				OFFICE TO EPO]	Country of Ref document: SI
EP2738073 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: PL
EP2738073 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191127 Country of Ref document: AT
EP2738073 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200226 Country of Ref document: IE
EP2738073 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200229 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2738073 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200227 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GB
EP2738073 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200229 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP2738073 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210112 Year of fee payment: 9 Country of Ref document: IT
EP2738073 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210216 Year of fee payment: 9 Country of Ref document: DE
EP2738073 B1	20330226	PEXP		Calculated Patent Term Expiry	
EP2740652 A1	20140611	LSPB	+	published / reissued	
EP2740652 A1	20140611	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140228
EP2740652 A1	20140611		AC	DIVISIONAL APPLICATION: REFERENCE TO EARLIER APPLICATION	Ref document number: 2738073 Kind code of Ref document: P Country of Ref document: EP
EP2740652 A1	20140611		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2740652 A1	20140611		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2740652 A1	20160817	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20160718
EP2740652 B1	20170111	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2740652 B1	20170111		AC	DIVISIONAL	Ref document number: 2738073

				APPLICATION: REFERENCE TO EARLIER APPLICATION	Kind code of Ref document: P Country of Ref document: EP
EP2740652 B1	20170111		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2740652 B1	20170111	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: GB Ref legal event code: FG4D
EP2740652 B1	20170113	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP2740652 B1	20170115	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: REF Ref country code: AT Effective date: 20170115 Ref document number: 860981 Kind code of Ref document: T Country of Ref document: AT
EP2740652 B1	20170208	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D
EP2740652 B1	20170227	LSFE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Year of fee payment: 5 Ref legal event code: PLFP Country of Ref document: FR
EP2740652 B1	20170302	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R096 Ref document number: 602013016632 Ref country code: DE Country of Ref document: DE
EP2740652 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20170223 Country of Ref document: DE
EP2740652 B1	20170428	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20170227 Country of Ref document: FR
EP2740652 B1	20170510	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2740652 B1	20170517		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MP Effective date: 20170111 Ref country code: NL
EP2740652 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170228 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP2740652 B1	20170531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20170227 Year of fee payment: 5 Country of Ref document: GB
EP2740652 B1	20170605	LSGT	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T3 Effective date: 20170605 Ref document number: 2615112 Ref legal event code: FG2A Ref country code: ES Country of Ref document: ES
EP2740652 B1	20170615	LSRV	REG	REFERENCE TO A NATIONAL CODE	Kind code of Ref document: T Ref document number: 860981 Effective date: 20170111 Ref legal event code: MK05 Ref country code: AT Country of Ref document: AT
EP2740652 B1	20170630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: NL
EP2740652 B1	20170630	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION	Year of fee payment: 5 Payment date: 20170227 Country of Ref document: ES

				FROM NATIONAL OFFICE TO EPO]	
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EP2740652 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170412 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: GR
EP2740652 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170411 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NO
EP2740652 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170511 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: IS
EP2740652 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LT
EP2740652 B1	20170731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: FI
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170511 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PT
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: SE
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: AT
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RS
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170411

				OFFICE TO EPO]	Country of Ref document: BG
EP2740652 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: PL
EP2740652 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 20170426 Country of Ref document: IT
EP2740652 B1	20170929	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP2740652 B1	20171012	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: R097 Ref document number: 602013016632 Ref country code: DE Country of Ref document: DE
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: CZ
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: RO
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170228 Country of Ref document: CH
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170228 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: SK
EP2740652 B1	20171031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: EE
EP2740652 B1	20171129	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: MM4A
EP2740652 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20170111 Country of Ref document: SM
EP2740652 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2740652 B1	20171130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE

				INFORMATION FROM NATIONAL OFFICE TO EPO]	WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2740652 B1	20171220	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20171012
EP2740652 B1	20171229	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170226 Country of Ref document: LU
EP2740652 B1	20180222	LSLE	REG	REFERENCE TO A NATIONAL CODE	Effective date: 20170228 Ref legal event code: MM Ref country code: BE
EP2740652 B1	20180223	LSFE	REG	REFERENCE TO A NATIONAL CODE	Year of fee payment: 6 Ref country code: FR Ref legal event code: PLFP
EP2740652 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2740652 B1	20180228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170226 Country of Ref document: IE
EP2740652 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180221 Country of Ref document: GB
EP2740652 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180322 Country of Ref document: ES
EP2740652 B1	20180430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180215 Country of Ref document: DE
EP2740652 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 20180221 Country of Ref document: IT
EP2740652 B1	20180531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20180223 Year of fee payment: 6 Country of Ref document: FR
EP2740652 B1	20180928	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170226 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: MT
EP2740652 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20190221 Year of fee payment: 7 Country of Ref document: IT
EP2740652 B1	20190430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE	Year of fee payment: 7 Payment date: 20190212 Country of Ref document: DE

				[ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	
EP2740652 B1	20190628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO Lapsed date: 20130226 Country of Ref document: HU
EP2740652 B1	20191023	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20190226
EP2740652 B1	20191031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20170111 Country of Ref document: CY
EP2740652 B1	20191129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MK
EP2740652 B1	20191209	LSLI	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref document number: 602013016632 Ref legal event code: R084 Country of Ref document: DE
EP2740652 B1	20200131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20190226 Country of Ref document: GB
EP2740652 B1	20200228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20190228 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2740652 B1	20200331	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: TR
EP2740652 B1	20200331	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FD2A Ref country code: ES Effective date: 20200331
EP2740652 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20190227 Country of Ref document: ES
EP2740652 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200211 Country of Ref document: DE
EP2740652 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200128 Country of Ref document: IT
EP2740652 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT

				FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20170111 Country of Ref document: AL
EP2740652 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210112 Year of fee payment: 9 Country of Ref document: IT
EP2740652 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20210216 Country of Ref document: DE
EP2740652 B1	20330226	PEXP		Calculated Patent Term Expiry	
EP2740658 A1	20140610		PUAI	PUBLIC REFERENCE MADE UNDER ARTICLE 153(3) EPC TO A PUBLISHED INTERNATIONAL APPLICATION THAT HAS ENTERED THE EUROPEAN PHASE	Text: ORIGINAL CODE: 0009012
EP2740658 A1	20140611	LSPB	+	published / reissued	
EP2740658 A1	20140611	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140228
EP2740658 A1	20140611		AC	DIVISIONAL APPLICATION: REFERENCE TO EARLIER APPLICATION	Kind code of Ref document: P Ref document number: 2738073 Country of Ref document: EP
EP2740658 A1	20140611		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2740658 A1	20140611		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP2740658 A1	20170310		STAA	INFORMATION ON THE STATUS OF AN EP PATENT APPLICATION OR GRANTED EP PATENT	Text: STATUS: EXAMINATION IS IN PROGRESS
EP2740658 A1	20170412	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20170309
EP2759460 A1	20140730	LSPB	+	published / reissued	
EP2759460 A1	20140730	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20140228
EP2759460 A1	20140730		AC	DIVISIONAL APPLICATION: REFERENCE TO EARLIER APPLICATION	Kind code of Ref document: P Ref document number: 2738073 Country of Ref document: EP
EP2759460 A1	20140730		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2759460 A1	20161026	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20160923
EP2759460 A1	20190625		+GRAP	DESPATCH OF COMMUNICATION OF INTENTION TO GRANT A PATENT	Text: ORIGINAL CODE: EPIDOSNIGR1
EP2759460 A1	20190724	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	Effective date: 20190626
EP2759460 A1	20191004	LSFE	+GRAS	GRANT FEE PAID	Text: ORIGINAL CODE: EPIDOSNIGR3
EP2759460 A1	20191011	LSGT	+GRAA	(EXPECTED) GRANT	Text: ORIGINAL CODE: 0009210

EP2759460 B1	20191113	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2759460 B1	20191113		AC	DIVISIONAL APPLICATION: REFERENCE TO EARLIER APPLICATION	Ref document number: 2738073 Kind code of Ref document: P Country of Ref document: EP
EP2759460 B1	20191113		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
EP2759460 B1	20191115	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: EP Ref country code: CH
EP2759460 B1	20191115	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref document number: 1201385 Effective date: 20191115 Kind code of Ref document: T Ref legal event code: REF Country of Ref document: AT
EP2759460 B1	20191128	LSPB	REG	REFERENCE TO A NATIONAL CODE	Ref document number: 602013063001 Ref country code: DE Ref legal event code: R096 Country of Ref document: DE
EP2759460 B1	20191211	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: FG4D Ref country code: IE
EP2759460 B1	20200318		REG	REFERENCE TO A NATIONAL CODE	Ref country code: NL Effective date: 20191113 Ref legal event code: MP
EP2759460 B1	20200325	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: LT Ref legal event code: MG4D
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: FI
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200213 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: BG
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: SE
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: LV
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: NL
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: ES
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: LT
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE

				POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: PL
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200214 Country of Ref document: GR
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200213 Country of Ref document: NO
EP2759460 B1	20200501	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200313 Country of Ref document: PT
EP2759460 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20200226 Year of fee payment: 8 Country of Ref document: DE
EP2759460 B1	20200501	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 8 Payment date: 20200227 Country of Ref document: IT
EP2759460 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20200313 Country of Ref document: IS
EP2759460 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: HR
EP2759460 B1	20200529	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: RS
EP2759460 B1	20200630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AL
EP2759460 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20191113 Country of Ref document: RO
EP2759460 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: CZ
EP2759460 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-

				INFORMATION FROM NATIONAL OFFICE TO EPO]	LIMIT Lapsed date: 20191113 Country of Ref document: EE
EP2759460 B1	20200731	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP2759460 B1	20200814	LSRE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: DE Ref legal event code: R097 Ref document number: 602013063001 Country of Ref document: DE
EP2759460 B1	20200815	LSRV	REG	REFERENCE TO A NATIONAL CODE	Ref country code: AT Ref document number: 1201385 Kind code of Ref document: T Effective date: 20191113 Ref legal event code: MK05 Country of Ref document: AT
EP2759460 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SK
EP2759460 B1	20200831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SM
EP2759460 B1	20200930	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP2759460 B1	20201021	LSGT	+26N	NO OPPOSITION FILED	Effective date: 20200814
EP2759460 B1	20201028	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Ref country code: EP Effective date: 20200226
EP2759460 B1	20201028	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM Effective date: 20200229 Ref country code: BE
EP2759460 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200226 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP2759460 B1	20201030	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: MC
EP2759460 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: AT
EP2759460 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20191113 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: SI
EP2759460 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200229 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP2759460 B1	20201130	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200229

				POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Country of Ref document: LI
EP2759460 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200226 Country of Ref document: GB
EP2759460 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200229 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: FR
EP2759460 B1	20210129	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20200226 Country of Ref document: IE
EP2759460 B1	20210226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20200229 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: BE
EP2759460 B1	20210430	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210112 Year of fee payment: 9 Country of Ref document: IT
EP2759460 B1	20210531	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Payment date: 20210216 Year of fee payment: 9 Country of Ref document: DE
EP2759460 B1	20330226	PEXP		Calculated Patent Term Expiry	
ES2615112 T3	20170605	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2615112 T3	20200331	LSLE	-FD2A	ANNOUNCEMENT OF LAPSE IN SPAIN	Effective date: 20200331 Lapsed date: 20200331
ES2615112 T3	20330226	PEXP		Calculated Patent Term Expiry	
IN02362CN2014 A	20150619	LSPB	+	published / reissued	
JP2013129421 A1	20150730	LSPB	+	published / reissued	
JP2013129421 A1	20190611	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP2014097796 A2	20140303	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20140227
JP2014097796 A2	20140529	LSPB	+	published / reissued	
JP2014097796 A2	20141226		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20141225
JP2014097796 A2	20150121	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150120 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014097796 A2	20150323	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20150323
JP2014097796 A2	20150408	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20150323 Text: JAPANESE INTERMEDIATE CODE: A821
JP2014097796 A2	20150909	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20150908

JP2014097796 A2	20151106	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20151106 Text: JAPANESE INTERMEDIATE CODE: A523
JP2014097796 A2	20160512	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014097796 A2	20160517	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Effective date: 20160517 Text: JAPANESE INTERMEDIATE CODE: A01
JP2014097796 A2	20160616	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20160613 Text: JAPANESE INTERMEDIATE CODE: A61
JP2014097796 A2	20160617	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5953330 Country of Ref document: JP
JP2014097797 A2	20140303	LSES	+A621	WRITTEN REQUEST FOR APPLICATION EXAMINATION	Text: JAPANESE INTERMEDIATE CODE: A621 Effective date: 20140227
JP2014097797 A2	20140529	LSPB	+	published / reissued	
JP2014097797 A2	20141226		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20141225
JP2014097797 A2	20150121	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Text: JAPANESE INTERMEDIATE CODE: A131 Effective date: 20150120
JP2014097797 A2	20150313	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20150313
JP2014097797 A2	20150330	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014097797 A2	20150402	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20150401
JP2014097797 A2	20150507	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Text: JAPANESE INTERMEDIATE CODE: A61 Effective date: 20150428
JP2014097797 A2	20150515	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Text: JAPANESE INTERMEDIATE CODE: R150 Ref document number: 5744264 Country of Ref document: JP
JP2014097798 A2	20140529	LSPB	+	published / reissued	
JP2014097798 A2	20141226		A977	REPORT ON RETRIEVAL	Text: JAPANESE INTERMEDIATE CODE: A971007 Effective date: 20141225
JP2014097798 A2	20150121	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	Effective date: 20150120 Text: JAPANESE INTERMEDIATE CODE: A131
JP2014097798 A2	20150323	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20150323
JP2014097798 A2	20150408	LSRE	A521	WRITTEN AMENDMENT	Effective date: 20150323 Text: JAPANESE INTERMEDIATE CODE: A821
JP2014097798 A2	20150828	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP2014097798 A2	20150916	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	Text: JAPANESE INTERMEDIATE CODE: A01 Effective date: 20150915
JP2014097798 A2	20151022	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	Effective date: 20151013 Text: JAPANESE INTERMEDIATE CODE: A61

JP2014097798 A2	20151023	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	Ref document number: 5826314 Text: JAPANESE INTERMEDIATE CODE: R150 Country of Ref document: JP
JP5604608 B1	20140814	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5604608 B1	20140814	LSGT	+A01	特許査定書 (Decision of patent grant)	Effective date: 20140812
JP5604608 B1	20140826	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5604608 B1	20140826	LSFE	R100	特許料納付書 (Patent fee payment form)	Effective date: 20140825 Text: 51401734389
JP5604608 B1	20140829	LSGT	+R150	特許証 (Patent certificate)	
JP5604608 B1	20140829	LSGT	+R150	特許証 (Patent certificate)	Effective date: 20140909
JP5604608 B1	20141008	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5604608 B1	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5604608 B1	20170427	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51700916159 Effective date: 20170426
JP5604608 B1	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5604608 B1	20170509	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20170516
JP5604608 B1	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5604608 B1	20180426	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20180425 Text: 51800877424
JP5604608 B1	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5604608 B1	20180508	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20180515
JP5604608 B1	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5604608 B1	20190606	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 51901167689 Effective date: 20190603
JP5604608 B1	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5604608 B1	20190611	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	Effective date: 20190621
JP5604608 B1	20200601	LSFE	R20	特許料納付書 (Patent fee payment form)	Text: 52001104487 Effective date: 20200529
JP5604608 B1	20200602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200619
JP5604608 B1	20210601	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20210531 Text: 52101163709
JP5604608 B1	20210602	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20210618
JP5604608 B1	20330226	PEXP		Calculated Patent Term Expiry	
JP5744264 B2	20150409	LSGT	+A01	特許査定書 (Decision of patent grant)	

JP5744264 B2	20150501	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5744264 B2	20150515	LSGT	+R150	特許証 (Patent certificate)	
JP5744264 B2	20150708	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5744264 B2	20180201	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5744264 B2	20180206	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5744264 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5744264 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5744264 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5744264 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5744264 B2	20340227	PEXP		Calculated Patent Term Expiry	
JP5826314 B2	20150917	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5826314 B2	20151020	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5826314 B2	20151023	LSGT	+R150	特許証 (Patent certificate)	
JP5826314 B2	20151202	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5826314 B2	20180726	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5826314 B2	20180807	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5826314 B2	20190905	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5826314 B2	20190910	LSFE	+R250	RECEIPT OF ANNUAL FEES	Text: JAPANESE INTERMEDIATE CODE: R250
JP5826314 B2	20190910	LSFE	+R250	年金領収書, 年金領収書 (分納) (Pension receipt, annuity receipt (scheduled))	
JP5826314 B2	20340227	PEXP		Calculated Patent Term Expiry	
JP5953330 B2	20160519	LSGT	+A01	特許査定書 (Decision of patent grant)	
JP5953330 B2	20160614	LSFE	R100	特許料納付書 (Patent fee payment form)	
JP5953330 B2	20160617	LSGT	+R150	特許証 (Patent certificate)	
JP5953330 B2	20160720	LSGT	+	granted / extensions (spc, cpc, pte)	
JP5953330 B2	20190228	LSFE	R20	特許料納付書 (Patent fee payment form)	
JP5953330 B2	20190305	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	
JP5953330 B2	20200302	LSFE	R20	特許料納付書 (Patent fee payment form)	Effective date: 20200228
JP5953330 B2	20200303	LSFE	R2501	年金領収書 (一括) (Pension receipt (bulk))	Effective date: 20200324
JP5953330 B2	20340227	PEXP		Calculated Patent	

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KR101557599 B1	20140307	LSES	A201	REQUEST FOR EXAMINATION	
KR101557599 B1	20151005	LSGT	+	granted / extensions (spc, cpc, pte)	
KR101557599 B1	20180904	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20180904 Year of fee payment: 4
KR101557599 B1	20190828	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20190829 Year of fee payment: 5
KR101557599 B1	20330226	PEXP		Calculated Patent Term Expiry	
KR20140050096 A	20140428	LSPB	+	published / reissued	
KR20140050096 A	20150211	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR20140050096 A	20150824	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR20140050096 A	20150925	LSGT	+GRNT	WRITTEN DECISION TO GRANT	
TH145152 A	20160205	LSPB	+	published / reissued	
US2015158433 AA	20150611	LSPB	+	published / reissued	
US2015158433 AA	20160504	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9346413 BB	20140323	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:WATANABE, TSUGUO;FUJIHARA, KIYOTAKA;MATSUI, YASUMASA;AND OTHERS;REEL/FRAME:032503/0024 PartyType: owner Owner: HONDA MOTOR CO., LTD., JAPAN Effective date: 20140228
US9346413 BB	20151106	LSES	NFA1	Non Final Action Mailed	
US9346413 BB	20160504	LSGT	PAT1	Patented Case	
US9346413 BB	20160524	LSGT	+	granted / extensions (spc, cpc, pte)	
US9346413 BB	20191108	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9346413 BB	20330226	PEXP		Calculated Patent Term Expiry	
VN17703 A1	20171127	LSGT	+	granted / extensions (spc, cpc, pte)	
WO13129421 A1	20130226	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 201380002789.8 Country of Ref document: CN
WO13129421 A1	20130906	LSPB	+	published / reissued	
WO13129421 A1	20131023		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Ref document number: 13755409 Kind code of Ref document: A1 Country of Ref document: EP
WO13129421 A1	20131224	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 2014502261 Country of Ref document: JP
WO13129421 A1	20140307	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A Ref document number: 20147006195 Country of Ref document: KR
WO13129421 A1	20140403	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Date of Ref document: 20130226 Kind code of Ref document: A Ref document number: 2013227095 Country of Ref document: AU

WO13129421 A1	20140527		REG	REFERENCE TO NATIONAL CODE	Ref document number: 112014007638 Ref country code: BR Ref legal event code: B01A Country of Ref document: BR
WO13129421 A1	20140902	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO13129421 A1	20150116	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 14346138 Country of Ref document: US
WO13129421 A1	20170411	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Kind code of Ref document: A2 Effective date: 20140328 Ref document number: 112014007638 Country of Ref document: BR