

Search history

Search configuration and lamp and motorcycle (Results 61)

1:

Search Three-wheel and motorcycle and lamp and reclining chassis (Results 0)

2:

Search Three-wheel and motorcycle and lamp (Results 7)

3:

Search PN=(WO2015002172) (Results 1)

4:

Search fn=(58241749:360 or 56089642:260 or 58241744:215 or 56777493:210 or 58241742:205 or 54624737:180 or 50480734:175 or

5: 63115451:170 or 55627331:170 or 63115518:165 or 63115517:165 or 63115453:165 or 65316231:160 or 60574541:160 or 60460566:160 or 60460540:160 or 58073604:160 or 42115328:160 or 51919259:155 or 41778293:155 or 65316235:150 or 65074071:150 or 60020711:150 or 60020709:150 or 58241746:150 or 58241745:150 or 56339391:150 or 51041080:145 or 48907158:145 or 34952290:145 or 32026897:145 or 65316234:140 or 65316233:140 or 65316230:140 or 65316228:140 or 65235741:140 or 60460567:140 or 60460543:140 or 60020707:140 or 59143001:140 or 58241747:140 or 48990514:140 or 46431558:140 or 30922063:140 or 58688949:135 or 54344543:135 or 34363303:135 or 34255972:135 or 32424328:135 or 30249316:135 or 65316240:130 or 65316236:130 or 65316229:130 or 65316227:130 or 65316226:130 or 65235740:130 or 63579786:130 or 61743790:130 or 60020710:130 or 58641971:130 or 57660205:130 or 57413875:130 or 48985994:130 or 43615502:130 or 33110076:130 or 31722893:130 or 30109311:130 or 28286012:130 or 23916715:130 or 48148111:125 or 34363306:125 or 31457878:125 or 65316117:120 or 65315221:120 or 63579787:120 or 63579785:120 or 63579784:120 or 50261563:120 or 48462139:120 or 43222346:120 or 46562873:115 or 44603093:115 or 42142366:115 or 30716913:115 or 65338814:110 or 64888756:110 or 64824990:110 or 64824987:110 or 63115450:110 or 58735286:110 or 57793780:110 or 56141060:110 or 46416422:110 or 44337557:110 or 44272353:110 or 42844830:110 or 40812221:110 or 33055230:110 or 32181068:110 or 57981299:105) (Results 100)

Search fn=(57551988 or 56089642 or 42941451 or 42975078 or 43522708 or 50480734 or 32122909 or 48985994 or 45917440 or 46531723 or

6: 46531723 or 56089642 or 32122909 or 42975078 or 42975078 or 45917440 or 47445903 or 50892329 or 50892329 or 54178869 or 54178869 or 10141604 or 10141604 or 33976301 or 48985994 or 32122909 or 34363303 or 41041520 or 41041520 or 42022960 or 42067245 or 42975078 or 43522708 or 40799774 or 45917440 or 50480734 or 50480734 or 51919259 or 18248362 or 27196158 or 12387535 or 13189854 or 11123748 or 42142366 or 31713033 or 31713033 or 33689187 or 42975078 or 49557753 or 48148111 or 40799774 or 50958066 or 54261684 or 49573303 or 57351233 or 57351515 or 56089642 or 55802951 or 56089642 or 57351255 or 56089642 or 57351274 or 56777493 or 34914698 or 43627626 or 50480734 or 50480734 or 52998943) (Results 43)

Search [SP]: vehicle a vehicle prevents interference of a right lamp and a left lamp with a link mechanism without increasing the size of the vehicle
7: in its width direction. a right link side portion of a right lamp is located on the right of a locus along which a link mechanism extends when an upper cross portion turns when looking at the vehicle from the front of an upper middle axis. at least a portion of the right link side portion is located on the left of a right end portion of a body cover, above the upper middle axis, and below an upper end portion of the link mechanism that results when the upper cross portion turns clockwise to a maximum extent relative to a body frame, when looking at the vehicle from the front of the upper middle axis. (Results 44)

Search PN=(US3921323 or US5020625 or US2004130906 or JP2004224176 or TWD141564 or EP2599695) (Results 6)

8:

Search PN=(US4351410 or JP5139357 or US6250649 or US6089738 or US2005012291 or US2006255550 or US2007075514 or USD547242 or

9: US2010044977 or US2008023242 or US2009040779 or US2009057509 or USD598328 or EP2216218 or US2011006498 or US2013168944 or JP2013103693) (Results 18)

Search 9 or 8 (Results 24)

10:

Search Headlight and Three-wheel and motorcycle (Results 1)

11:

Search Three-wheel and vehycle and lamp (Results 0)

12:

Search Three-wheel and v lamp (Results 0)

13:

Search Three-wheel and lamp (Results 24)

14:

Search Three-wheel and Headlight (Results 4)

15:

Search PN=(CN201825120) (Results 1)

16:

Search 1 or 14 (Results 85)

17:

Search 1 and 14 (Results 0)

18:

Search 14 or 16 (Results 25)

19:

Search LAMP and VEHICLE (Results 55268)

20:

Search HEADLIGHT AND MOUNTING AND ARRANGEMENT (Results 313)

21:

Search 21 AND 20 (Results 97)

22:

Search 20 AND ipc=(B60G21/00) (Results 10)

23:

Search 21 AND ipc=(B60G21/00) (Results 2)

24:

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25:

Search pn=(EP2923931 OR WO2013017594 OR JP2012056503 OR JP2010155486 OR EP2216218 OR JP2013103693 OR USD547242S) (Results 6)

26:

Search fn=(58241749 or 58241749 or 58241749 or 46531723 or 46531723 or 32019882 or 32019882 or 41807719 or 41668961 or 43130295 or

27: 43130295 or 34171910 or 41668961) (Results 7)

Search 26 OR 10 (Results 28)

28:

Title: Headlight number plate

Abstract: Source: US3921323A A headlight number plate has a lamp-mounting section in which a headlight is positioned. A plate section extends outwardly from the lamp-mounting section on which indicia is provided. Positioning members also extend outwardly from the lamp-mounting section and plate section for positioning the headlight number plate on a vehicle to ensure secure mounting of the headlight number plate thereon.

Classifications:

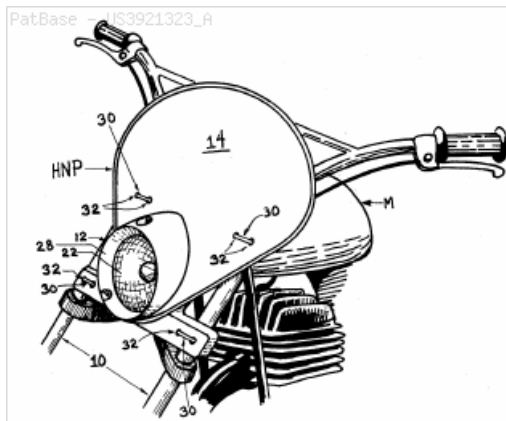
International (IPC 8-9): B62J17/04 B62J99/00 G09F21/04 G09F7/00 (Advanced/Invention)

International (IPC 1-7): B60Q1/00 G09F13/02

CPC: B60Q1/2661 B62J6/02 B62J17/04 B62J99/00 G09F7/00 G09F21/04

European: B60Q1/26J B62J17/04 B62J6/02 B62J99/00 G09F21/04 G09F7/00 S09F21/04

US: 40/204 40/556 D12/114



Family:

Publication number	Publication date	Application number	Application date
US3921323 A	19751125	US19740465109	19740429

Priority:

US19740465109 19740429

Probable Assignee: PRESTON LYNN PETTY

Assignee(s): (std): PETTY PRESTON LYNN ; PRESTON LYNN PETTY

Inventor(s): (std): PETTY PRESTON LYNN

Title: SELF-BALANCING WHEELED VEHICLE

Abstract: Source: US4351410A A wheeled vehicle includes a vehicle frame having at least one wheel at one end of the frame and a hinged parallelogram frame mounted on the other end of the vehicle frame and having a pair of spaced wheels mounted on opposite sides thereof. The parallelogram frame will pivot laterally in first or second opposite lateral directions when the frame leans laterally away from a position of equilibrium in the first or second lateral direction. A sensing device is connected to the vehicle frame and a power source is connected to the sensing means and parallelogram frame whereby initial leaning movement of the parallelogram frame in one direction (caused by conditions of unequilibrium) will cause the sensing device and power source to pivot the parallelogram frame in the opposite direction thereby to laterally pivot the vehicle frame to a position of equilibrium. The sensing device may be a lever pivotally connected to the vehicle frame and the power source may include a pair of extensible and retractable cylinder units for connecting opposite ends of the sensor lever to opposite sides of the parallelogram frame.

Classifications:**International (IPC 8-9):** B62D37/00 B62D61/08 B62D9/02 B62K5/04 B62K5/08 (Advanced/Invention);

B62D37/00 B62D61/00 B62D9/00 B62K5/00 (Core/Invention)

International (IPC 1-7): A22C17/12 B60G17/00 B60G19/00

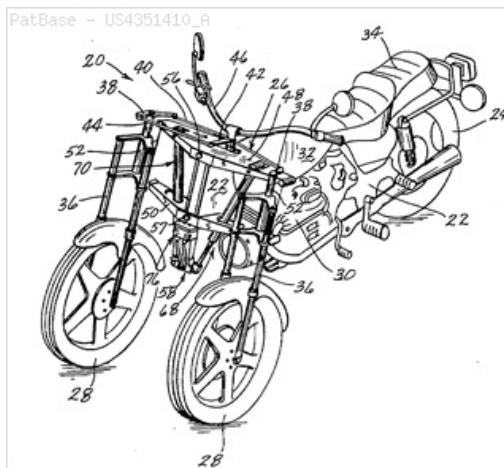
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B62K5/04 B62K5/08

CPC: B62K5/027 B62K5/05 B60G2300/122 B62D9/02 B62D37/00

B62D61/065 B62K5/08 B62K5/10

European: L60G300/122**US:** 180/210 280/267 280/5.509**Family:**

Publication number	Publication date	Application number	Application date
AU198172381 A1	19820121	AU19810072381	19810630
AU537014 B2	19840531	AU19810072381	19810630
BR8104519 A	19820330	BR19810004519	19810715
CA1147663 A1	19830607	CA19810380794	19810629
CH653630 A	19860115	CH19810004682	19810716
DE3128371 A1	19820408	DE19813128371	19810717
DE8121065 U1	19820401	DE19810021065U	19810717
ES504034 A1	19821201	ES19810504034	19810716
ES8301161 A1	19830216	ES19810504034	19810716
FR2486899 A1	19820122	FR19810013877	19810716
FR2486899 B1	19860124	FR19810013877	19810716
GB2082517 A1	19820310	GB19810020137	19810630
GB2082517 B2	19840613	GB19810020137	19810630
JP1252421 C3	19850226	JP19810111522	19810716
JP57041278 A2	19820308	JP19810111522	19810716
JP59029466 B4	19840720	JP19810111522	19810716
MX152351 A	19850702	MX19810188304	19810715
NL8103238 A	19820216	NL19810003238	19810707
SE441260 B	19850923	SE19810004051	19810629
SE441260 C	19860109	SE19810004051	19810629
SE8104051 A	19820118	SE19810004051	19810629
SE8104051 L	19820118	SE19810004051	19810629
US4351410 A	19820928	US19800169804	19800717

Priority:

CA19810380794 19810629 US19800169804 19800717

Probable Assignee: TOWNSEND ENGINEERING CO**Assignee(s):** (std): TOWNSEND ENGINEERING CO ; TOWNSEND ENGINEERING COMPANY ; TOWNSEND ENGINEERING CY ; TOWNSEND ENGINEERING COMPANY TE DES MOINES IOWA VE ; TOWNSEND R T**Assignee(s):** TOWNSEND ENGINEERING COMPANY TE DES MOINES IOWA VER ST V AM ; TOWNSEND RAY T ; TOWNSEND ENGINEERING CO 50317 DES MOINES IA US ; TOWNSEND ENGINEERING CO A CORP OF IOWA ; TOWNSEND ENGINEERING CO TE DES MOINES IOWA VER STVAM ; R T TOWNSEND ; TOWNSEND ENG CO**Inventor(s):** (std): R T TOWNSEND ; RAY THEODORE TOWNSEND ; REI SEODOA TAUNZENTO ; RT TOWNSEND ; TOWNSEND R ; TOWNSEND R T ; TOWNSEND RAY T ; TOWNSEND RAY THEODORE ; TOWNSEDA RAY THEODORE**Inventor(s):** THEODORE TOWNSEND RAY**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SHEARN G JAMES M

Title: MOTOR BICYCLE PROVIDED WITH ARTICLE ACCOMMODATING APPARATUS

Abstract: Source: US5020625A A motor bicycle is provided with an article accommodating box for a helmet which is disposed above an upper portion of an engine unit. The article box is provided with a bottom portion extending rearwardly along the upper portion of an intake system connected to the engine unit and the front portion of the bottom portion rises upwardly at the upper rear portion of the engine cylinder head. The box is provided with a cover having an improved solar heat insulation structure by forming an air passage within an upper portion of the cover. The box is further provided with a ventilation member for air circulation within the interior of the box. The box is locked by means of a locking mechanism which is provided with a device for preventing the box cover from being erroneously locked or unlocked. The motor bicycle may be provided with an additional article accommodating box for an extra helmet at a location defined by means of a space between the head pipe, the cowl and the front fork.

Classifications:

International (IPC 8-9): B62J3/00 B62J9/00

B62K19/46 (Advanced/Invention);

B62J3/00 B62J9/00 B62K19/00 (Core/Invention);

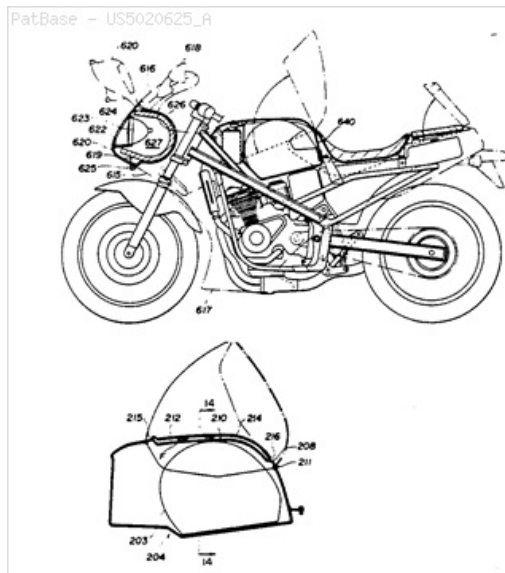
B62K (Subclass/Invention)

International (IPC 1-7): B62J11/00 B62J3/00 B62J9/00 B62K11/00

CPC: Y10T70/5907 B62J11/005 B62K19/46 B62J9/008 B62H5/20

European: B62J11/00B B62K19/46

US: 180/219 296/180.1 296/37.1 70/241



Family:

Publication number	Publication date	Application number	Application date
FR2636036 A1	19900309	FR19890011674	19890906
FR2636036 B1	19950818	FR19890011674	19890906
IT1231949 A	19920116	IT19890048327	19890904
IT8948327 A0	19890904	IT19890048327	19890904
JP2070586 A2	19900309	JP19880221454	19880906
JP2070587 A2	19900309	JP19880221455	19880906
JP2070588 A2	19900309	JP19880222284	19880907
JP2092789 A2	19900403	JP19880240654	19880928
JP2092790 A2	19900403	JP19880242564	19880929
JP2169379 A2	19900629	JP19880322182	19881222
JP2212282 A2	19900823	JP19890031921	19890210
JP2212283 A2	19900823	JP19890031922	19890210
JP2246885 A2	19901002	JP19890065893	19890320
JP2718086 B2	19980225	JP19880222284	19880907
JP2861008 B2	19990224	JP19880322182	19881222
US5020625 A	19910604	US19890402194	19890901

Priority:

JP19880221454 19880906	JP19880221455 19880906	JP19880240654 19880928
JP19880242564 19880929	JP19880222284 19880907	JP19880322182 19881222
JP19890031922 19890210	JP19890031921 19890210	JP19890065893 19890320

Probable Assignee: SUZUKI MOTOR CO

Assignee(s): (std): SUZUKI CO LTD ; SUZUKI JIDOSHA KOGYO KK ; SUZUKI MOTOR CO

Assignee(s): SUZUKI MOTOR CO LTD ; SUZUKI KK ; SUZUKI JIDOSHA KOGYO KABUSHIKI KAISHA

Inventor(s): (std): AKIHIKO MURAMATSU ; KAKU SHINJI ; KOSAKU YAMAUCHI ; MURAMATSU AKIHIKO ; SHINJI KAKU ; YAMAUCHI KOSAKU

Title: FRONT TWO-WHEEL TYPE VEHICLE

Abstract: Source: JP5139357A **PURPOSE:**To reduce the interval between the left and right wheels and hold the sufficient cushion stroke, as for a front two-wheel type vehicle. **CONSTITUTION:**Left and right swing arms 10L and 10R are pivotally installed on a front arm 7 extending from a steering shaft 6, and front wheels 2L and 2R are held at the rear edge. A balance lever 12 as motion direction changing means is pivotally installed in the upper part of the front arm, and cushion springs 13L and 13R are interposed between the swing arms 10L and 10R and both the edges of the balance lever 12.

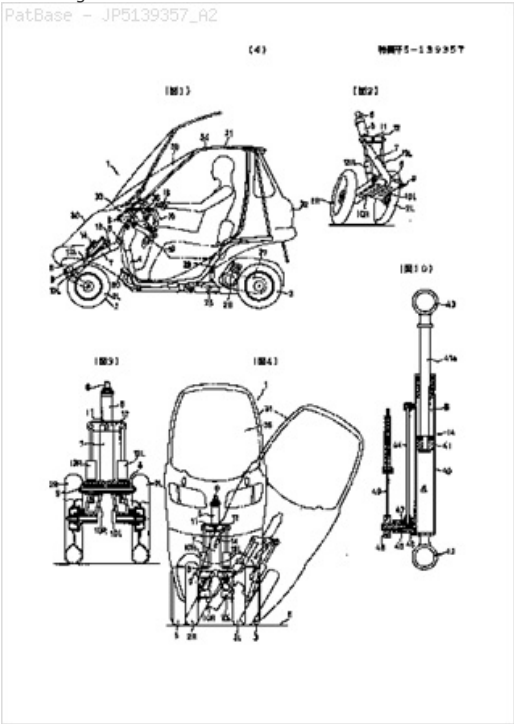
Classifications:

International (IPC 8-9): B60G21/05 B62K25/04 B62K5/04 B62K5/08 (Advanced/Invention); B60G21/00 B62K25/04 B62K5/00 (Core/Invention)

International (IPC 1-7): B60G21/05 B62K25/04 B62K5/04 B62K5/08

CPC: B62K5/10

European: B62K5/10



Family:

Publication number	Publication date	Application number	Application date
JP3125106 B2	20010115	JP19910303388	19911119
JP5139357 A2	19930608	JP19910303388	19911119

Priority:

JP19910303388 19911119

Probable Assignee: HONDA MOTOR CO LTD
Assignee(s): (std): HONDA MOTOR CO LTD
Assignee(s): HONDA GIKEN KOGYO KABUSHIKI KAISHA
Inventor(s): (std): KAMIYA HIROSHI ; SAITO NAOYUKI

Title: Multi-track curve tilting vehicle

Abstract: Source: US6250649B A tilting-body vehicle, in which the control system for the body tilt comprises an emergency system. In the event of a failure of a normally effective main system, the emergency system permits an emergency operation at least for a limited time. Three body positions are made possible depending on the transverse acceleration of the vehicle: namely, maximum tilt to the left, upright position and maximum tilt to the right. The emergency system is controlled via an inertia mass.

Classifications:

International (IPC 8-9): B60G17/00 B60G17/015 B60G17/016 B60G17/0185 B60G17/019 B60G21/00 B60G21/10 B62K25/00 B62K5/04 (Advanced/Invention);

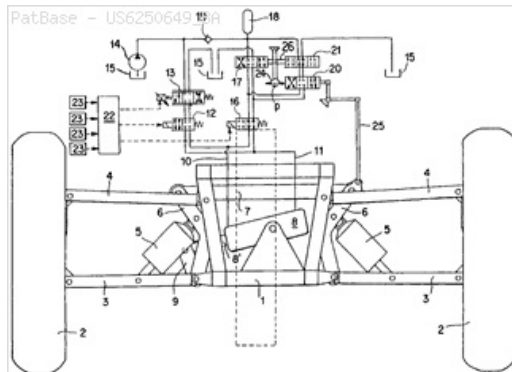
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International (IPC 1-7): B60G17/00 B60G17/015 B60G17/15 B60G21/00 B60G21/10 B62K25/00 B62K5/04 C23C14/34 H01J37/34

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European: B60G17/015A2 B60G17/015D B60G17/015F1B B60G17/016F B60G17/0185 B60G17/019B5 B60G21/00D B60G21/10C L60G200/144 L60G202/413 L60G204/421 L60G300/45 L60G400/104 L60G600/08 L60G600/182 L60G800/012 L60G800/24 L60G800/80

US: 280/124.106 280/5.506 701/38



Family:

Publication number	Publication date	Application number	Application date
DE19717418 C1	19981022	DE19971017418	19970425
DE59806450 D1	20030109	DE19985006450	19980409
EP0977674 A1	20000209	EP19980921454	19980409
EP0977674 B1	20021127	EP19980921454	19980409
JP2000510415 T2	20000815	JP19980546535T	19980409
US6250649 BA	20010626	US20000403700	20000112
WO9849023 A1	19981105	WO1998EP02103	19980409

Priority:

DE19971017418 19970425 DE19985006450 19980409 WO1998EP02103 19980409

Probable Assignee: OL SECURITY LIABILITY CO LTD

Assignee(s): (std): DAIMLER BENZ AG ; DAIMLER CHRYSLER AG ; BRAUN DIETER

Assignee(s): DAIMERCHRYSLER AG ; DAIMLER AG ; DAIMLERCHRYSLER AG ; DAIMLER BENZ AKTIENGESELLSCHAFT ; DAIMLER BENZ AKTIENGESELLSCHAFT 70567 STUTTGART DE ; RAMSLE TECHNOLOGY GROUP GMBH ; RAMSLE TECHNOLOGY GROUP GMBH LLC ; OL SECURITY LIABILITY CO LTD

Inventor(s): (std): BRAUN DIETER

Inventor(s): BRAUN DIETER 70378 STUTTGART DE

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE US

Title: Lamp unit with an external power supply terminal

Abstract: Source: US6089738A A lamp unit includes a cover having an opening therein for an external power supply terminal for supplying electric power to the outside. An external power supply terminal body is inserted from a front face of the opening and fixedly fastened to the cover by a nut which is threadably engaged with a screw thread portion of the external power supply terminal body on a rear face of the opening. A removable cap is fitted with an end of the external power supply terminal. The lamp unit prevents water, mud or the like from directly attacking the external power supply terminal. Further, the appearance around the lamp unit is pleasing.

Classifications:

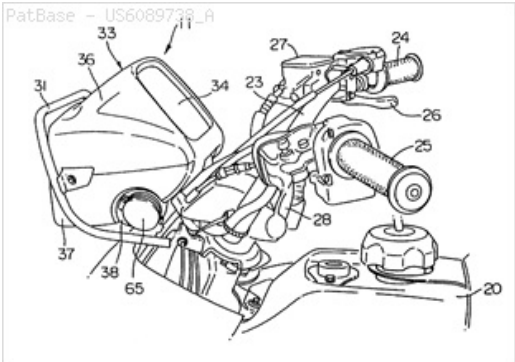
International (IPC 8-9): B60Q1/00 B60Q1/24 B62J23/00 B62J6/02 B62J6/18 B62J99/00 F21S8/10 F21V23/00 (Advanced/Invention); B62J6/02 (Advanced/Non-invention); B60Q1/00 B60Q1/02 B62J23/00 B62J6/00 B62J99/00 F21S8/10 F21V23/00 (Core/Invention)

International (IPC 1-7): B60Q1/00 B60Q1/24 B62J23/00 B62J39/00 B62J6/02 F21M3/02 F21S8/10 F21V23/00 F21W101/02

CPC: B60Q1/0088

European: B60Q1/00 B60Q1/00T

US: 362/253 362/362 362/473 362/546 362/95



Family:

Publication number	Publication date	Application number	Application date
JP11078678 A2	19990323	JP19970249051	19970912
JP2003095170 A2	20030403	JP20020245864	20020826
JP3423590 B2	20030707	JP19970249051	19970912
US6089738 A	20000718	US19980152248	19980911

Priority:

JP19970249051 19970912 JP20020245864 20020826

Probable Assignee: HONDA GIKEN KOGYO KK

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

Assignee(s): HONDA GIKEN KOGYO KABUSHIKI KAISHA ; HONDA GIKEN KOGYO KK

Inventor(s): (std): EBARA KATSUMI

Agent(s): IMAMURA KENICHI

Title: TAIL LAMP FOR VEHICLE

Abstract: Source: US2004130906A A tail lamp apparatus is provided which makes it possible to assemble a position lamp and a stop lamp readily to a fairing and is superior in visibility from the backward. A tail lamp includes an upper lamp portion and a lower lamp portion. An LED serving as a position lamp is provided on the upper lamp portion, and a plurality of LEDs serving as a stop lamp are provided on the lower lamp portion. A board for mounting the LEDs thereon is disposed in a stepwise configuration and is disposed in a V shape such that it envelopes the tail lamp from below. A base having a reflector for the LED at a portion thereof and holding the board thereon has a peripheral edge formed as a flat face so as to facilitate coupling of the base to a rear body cover.

Classifications:

International (IPC 8-9): B60Q1/26 B60Q1/30

B62J6/04 (Advanced/Invention);

B60Q1/26 B60Q1/30 B62J6/00 (Core/Invention)

International (IPC 1-7): B60Q1/30 B62J6/04 F21V13/04 F21V33/00

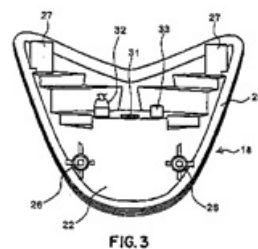
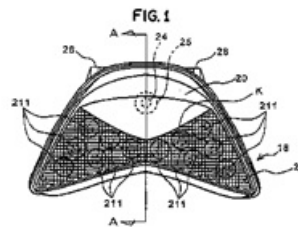
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European: B60Q1/26B B62J6/04

US: 362/506 362/541 362/543 362/544 362/545 362/800

PatBase - US2004130906_AA

Patent Application Publication Jul. 8, 2004 Sheet 1 of 8 US 2004/0130906 A1



Family:

Publication number	Publication date	Application number	Application date
DE60323589 D1	20081030	DE20036023589	20031105
EP1422132 A2	20040526	EP20030025438	20031105
EP1422132 A3	20060830	EP20030025438	20031105
EP1422132 B1	20080917	EP20030025438	20031105
JP2004203370 A2	20040722	JP20030347077	20031006
JP4175543 B2	20081105	JP20030347077	20031006
US2004130906 AA	20040708	US20030715601	20031117
US6957903 BB	20051025	US20030715601	20031117

Priority:

JP20020339964 20021122 JP20020356656 20021209 JP20030347077 20031006

Probable Assignee: HONDA MOTOR CO LTD

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

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

Inventor(s): (std): SHINKAWA KUNIAKI ; ARAKAWA KUNIAKI ; ARAI TAKASHI

Agent(s): LISKA HORST ET AL; HAMRE SCHUMANN MUELLER AND LARSON PC

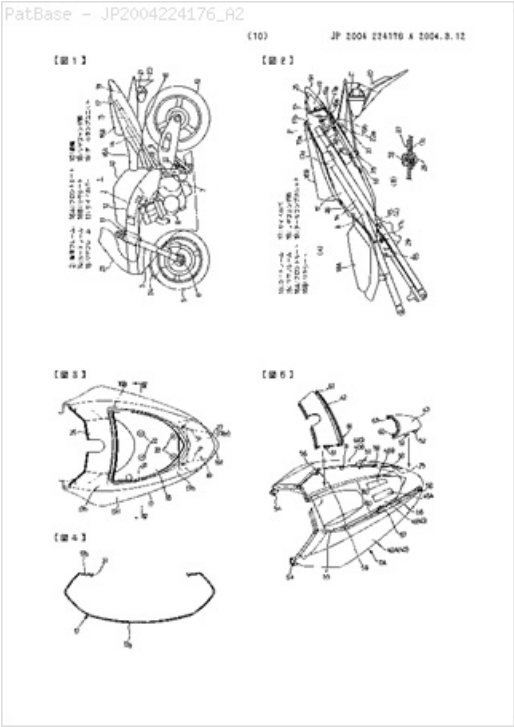
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: REAR STRUCTURE OF MOTORCYCLE

Abstract: Source: JP2004224176A PROBLEM TO BE SOLVED: To provide a rear structure of a motorcycle giving a fine appearance owing to its configuration that the seam of the joining part between a side cover and a fender cover is not visible from the back and excellent in the easiness to execute the works of mounting these members. SOLUTION: The rear structure of the motorcycle has the side cover 17 covering the periphery of the rear of a motorcycle frame 2 located under seat members 16A and 16B, and a rear fender part 18 mating with the over-part of the rear wheel 10 is formed rigidly on the side cover 17, while a lamp opening 25 is formed in the rear part of the side cover 17, and a tail lamp unit 19 confronting the lamp opening 25 is attached to the side cover 17, wherein at least the major part of the lamp opening 25 is formed in a back rising lower wall 17a of the side cover 17.

Classifications:

International (IPC 8-9): B62J15/00 B62J17/00 B62J23/00 B62J6/00 B62J6/04 (Advanced/Invention);
B62J15/00 B62J17/00 B62J23/00 B62J6/00 (Core/Invention)
International (IPC 1-7): B62J15/00 B62J17/00 B62J23/00 B62J6/00



Family:

Publication number	Publication date	Application number	Application date
JP2004224176 A2	20040812	JP20030013981	20030122
JP4150263 B2	20080917	JP20030013981	20030122

Priority:

JP20030013981 20030122

Probable Assignee: KAWASAKI HEAVY IND LTD
Assignee(s): (std): KAWASAKI HEAVY IND LTD
Assignee(s): KAWASAKI JUKOGYO KABUSHIKI KAISHA
Inventor(s): (std): FUKUMOTO YOSHIYUKI ; OKABE YASUHISA ; UMETANI ICHIRO

Title: THREE-WHEEL ROLLING VEHICLE WITH FRONT TWO-WHEEL STEERING

Abstract: Source: US2005012291A A three-wheel rolling vehicle with front two-wheel steering comprising a frame (13), a handlebar (16), a rear wheel (12) rotating with respect to the frame (13) and a steering group which operates two front wheels (14, 15), in which two horizontal crossbars (21, 22) are foreseen, connected through hinges (40-43) of the side tubes (36, 37) and through additional hinges (23, 24) to the frame (13), the tubes (36, 37) rotatably supporting steering tubes (31, 32).

Classifications:

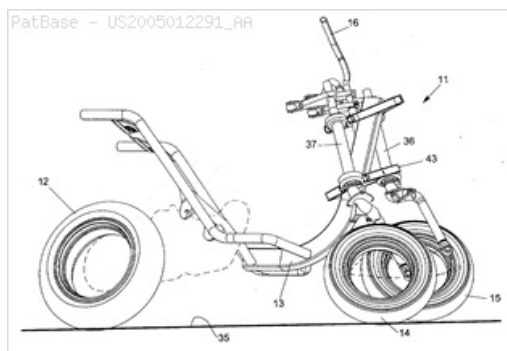
International (IPC 8-9): B60G17/00 B62K11/00 B62K21/00
B62K5/02 B62K5/04 B62K5/05 B62K5/08 (Advanced/Invention);
B62K21/00 B62K5/00 (Core/Invention);
B62K (Subclass/Invention)

International (IPC 1-7): B60G1/00 B60G17/00 B62K11/00
B62K21/00 B62K5/02 B62K5/04

CPC: B62K5/05 B62K5/08 B62K5/10

European: B62K5/05 B62K5/08 B62K5/10

US: 180/210 280/124.103 280/124.103P 280/267



Family:

Publication number	Publication date	Application number	Application date
AT519662 E	20110815	AT20040076564T	20040527
CN1572644 A	20050202	CN200410048435	20040603
CN1572644 B	20120509	CN200410048435	20040603
DE602004033835 D1	20111006	DE200460033835T	20040527
EP1484239 A2	20041208	EP20040076564	20040527
EP1484239 A3	20060531	EP20040076564	20040527
EP1484239 B1	20110810	EP20040076564	20040527
ES2371341 T3	20111230	ES20040076564T	20040527
IN00999DE2004 A	20060623	IN2004DE00999	20040601
IN261157 B	20140613	IN2004DE00999	20040601
ITMI20031108 A0	20030603	IT2003MI01108	20030603
ITMI20031108 A1	20041204	IT2003MI01108	20030603
JP2004359232 A2	20041224	JP20040194732	20040603
JP4607501 B2	20110105	JP20040194732	20040603
TW200505735 A	20050216	TW20040115455	20040531
TWI331973 B	20101021	TW20040115455	20040531
US2005012291 AA	20050120	US20040860796	20040603
US7073806 BB	20060711	US20040860796	20040603

Priority:

EP20040076564 20040527 IT2003MI01108 20030603

Probable Assignee: PIAGGIO AND C SPA

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

Assignee(s): PIAGGIO AND CO SPA ; BAGNOLI ALESSANDRO ; PIAGGIO AND C S P A

Inventor(s): (std): ALESSANDRO BAGNOLI ; BAGNOLI ALESSANDRO

Agent(s): WUESTHOFF AND WUESTHOFF PATENTANWALTE PARTG MBB; COLETTI RAIMONDO; JAMES V COSTIGAN ESQ HEDMAN AND COSTIGAN PC; JAMES V; HEDMAN AND COSTIGAN PC

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

Title: PATIENT POSITIONING ASSEMBLY

Abstract: Source: US2005228255A A robotic patient positioning assembly for therapeutic radiation treatment includes a robotic positioning device for moving and supporting the patient during treatment, a sensor system for detecting the position of the robotic positioning device, and a controller operatively connected with the sensor system for receiving position data of the robotic positioning device and operatively connected to the robotic positioning device for controlling the motions of the robotic positioning device. The controller is adapted for controlling the motion of the robotic positioning device in response to information representative of the position of the robotic positioning device received from the sensor system, so that the treatment target within a patient loaded on the robotic positioning device is properly aligned with a radiation source of a therapeutic radiation treatment system.

Classifications:

International (IPC 8-9): A47B13/00 A61B17/00 A61B5/05 A61B6/00 A61B6/04 A61B6/06 A61B6/08 A61G13/00 A61G13/04 A61G13/06 A61G15/00 A61N5/10 B25J17/02 B66C23/48 G21K5/10 (Advanced/Invention);

A47B13/00 A61B17/00 A61B6/04 A61B6/08 A61N5/10 (Advanced/Non-invention);

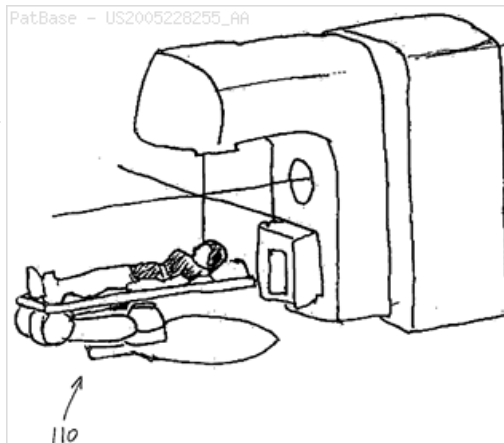
A61B5/05 A61B6/04 A61B6/08 A61N5/10 (Core/Invention)

International (IPC 1-7): A61B5/05 A61B6/08

CPC: A61B6/548 B66C23/48 A61B6/0457 A61N5/1049 A61N5/107 A61N2005/105 A61B6/4458 A61B6/4464 Y10T74/20335

European: A61B6/04C A61N5/10E1 B66C23/48 K61N5/10E1L K61N5/10E2P2

US: 128/845 250/491.1 250/491.100P 378/209 378/35 378/427 378/68 378/69 5/600 5/600S 5/601 5/601P 5/607 5/607S 5/608 5/611 5/611S 600/407 600/407P 600/410 600/427 74/490.06 74/490.060S 901/27 901/27S 901/28 901/28S 901/29 901/29S



Family:

Publication number	Publication date	Application number	Application date
CN101087554 A	20071212	CN200580018430	20050405
CN101217913 A	20080709	CN200680025045	20060509
CN101217913 B	20120502	CN200680025045	20060509
EP1740098 A2	20070110	EP20050733736	20050405
EP1740098 A4	20120404	EP20050733736	20050405
EP1885244 A2	20080213	EP20060770159	20060509
EP1885244 A4	20130313	EP20060770159	20060509
JP2007532190 T2	20071115	JP20070507427T	20050405
JP2008539963 T2	20081120	JP20080511299T	20060509
JP2009131718 A2	20090618	JP20090073432	20090325
JP5139270 B2	20130206	JP20080511299T	20060509
JP5139357 B2	20130206	JP20090073432	20090325
KR101070216 B1	20111006	KR20067023241	20061106
KR20060135063 A	20061228	KR20067023241	20061106
US2005228255 AA	20051013	US20040881315	20040630
US2005234327 AA	20051020	US20050129122	20050513
US2010237257 AA	20100923	US20100793467	20100603
US2010275927 AA	20101104	US20100793453	20100603
US2012174317 AA	20120712	US20120417003	20120309
US2013025055 AA	20130131	US20120612660	20120912
US7860550 BB	20101228	US20040881315	20040630
US8160205 BB	20120417	US20050129122	20050513
US8457279 BB	20130604	US20100793453	20100603
US8745789 BB	20140610	US20120612660	20120912
WO05099578 A2	20051027	WO2005US11469	20050405
WO05099578 A3	20070510	WO2005US11469	20050405
WO06124434 A2	20061123	WO2006US18017	20060509
WO06124434 A3	20070412	WO2006US18017	20060509

Priority:

JP20070507427	20050405	US20040560318P	20040406	US20040881315	20040630
WO2005US11469	20050405	US20100793467	20100603	US20100793453	20100603
US20120612660	20120912	US20120417003	20120309	US20050129122	20050513
WO2006US18017	20060509				

Probable Assignee: ACCURAY INC

Assignee(s): (std): ACCURAY INC ; BODDULURI MOHAN ; CARRANO AARON W ; HENDERSON TOBY D ; SARACEN MICHAEL ; WANG JAMES ; THOMPSON EUAN ; RAANES CHRIS ; THOMSON EUAN ; SARACEN MICHAEL J ; EARNST ERIC

Assignee(s): FORTE AUTOMATION SYSTEMS INC ; CERBERUS BUSINESS FINANCE LLC COLLATERAL AGENT AS

Inventor(s): (std): HENDERSON TOBY D ; JAMES WANG ; MICHAEL SARACEN ; MOHAN BODDULURI ; SARACEN MICHAEL J ; THOMSON EUAN ; WANG JAMES ; THOMPSON EUAN ; SARACEN MICHAEL ; RAANES CHRIS ; EARNST ERIC ; BODDULURI MOHAN ; CARRANO AARON W ; CHRIS RAANES ; ERIC EARNST ; EUAN THOMSON

Inventor(s): HENDERSON TOBY ; CARRANO AARON

Agent(s): BARTLE ROBIN JONATHAN; DANIEL E OVANEZIAN BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN; ACCURAY/BSTZ, BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; ACCURAY BSTZ BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; LOWENSTEIN SANDLER PC; LOWENSTEIN SANDER LLP; LOWENSTEIN SANDLER LLP

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 KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI
NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW

Title: SELF-CENTERING RETURN MECHANISM

Abstract: Source: US2006255550A An auxiliary lean control system is provided for controlling a lean angle of at least a portion of a vehicle. The auxiliary lean control system includes an energy storage device for storing energy to actuate the lean control system, a stabilizing mechanism coupled to the energy storage device and to the at least a portion of the vehicle for applying energy received from the energy storage device to the at least a portion of the vehicle to adjust the lean angle of the at least a portion of a vehicle, and a linkage coupled to the energy storage device and to the stabilizing mechanism for transferring energy from the energy storage device to the stabilizing mechanism. The auxiliary lean control system controls the lean angle of the portion of the vehicle in an absence of control of the lean angle by a primary lean control system. In another aspect, the present invention provides a vehicle including a vehicle suspension apparatus and a vehicle lean control system coupled to the vehicle suspension apparatus for controlling a lean of at least a portion of the vehicle, the suspension apparatus being operable independent of the vehicle lean control system.

Classifications:

International (IPC 8-9): B60G11/27 B60G17/01 B60G17/015 B60G21/00 B60G21/10 B62D37/00 B62D61/06 B62D9/02

B62K5/04 (Advanced/Invention);

B60G3/20 (Advanced/Non-invention);

B60G11/26 B60G17/01 B60G17/015 B60G21/00 B62D37/00

B62D9/00 B62K5/00 (Core/Invention);

B60G3/18 (Core/Non-invention)

CPC: B60G21/007 B60G2200/144 B60G2200/44 B60G2204/128

B60G2204/129 B60G2204/143 B60G2204/148 B60G2204/414

B60G2204/43 B60G2204/4308 B60G2300/122 B60G2300/45

B62D9/02 B62K5/027 B62K5/05 B62K5/08 B62K5/10

European: B60G21/00D B62D9/02 B62K5/027 B62K5/05 B62K5/08

B62K5/10 L60G200/144 L60G200/440 L60G204/128 L60G204/129

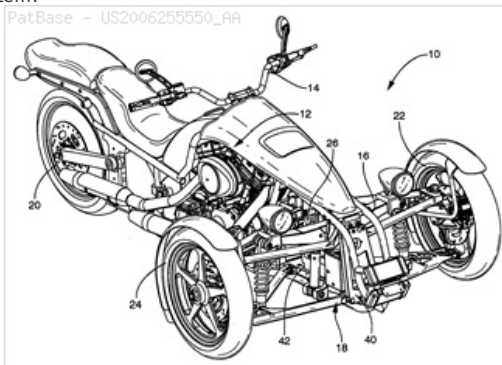
L60G204/143 L60G204/148 L60G204/414 L60G204/43 L60G204/4308

L60G300/122 L60G300/45

US: 180/210 180/41 280/124.103 280/124.103S 280/124.157

280/124.157S 280/5.509 280/5.509P 280/6.15 280/6.15S

PatBase - US2006255550_AA

**Family:**

Publication number	Publication date	Application number	Application date
DE102006022134 A1	20061130	DE200610022134	20060511
JP2006315674 A2	20061124	JP20060134354	20060512
JP4845585 B2	20111228	JP20060134354	20060512
US2006255550 AA	20061116	US20060432976	20060512
US7568541 BB	20090804	US20060432976	20060512

Priority:

US20050680588P 20050513
US20050722821P 20050930

US20050722686P 20050930

US20060432976 20060512

Probable Assignee: BWI CO LTD SA

Assignee(s): (std): FULKS GARY C ; HAERR TIMOTHY A ; PFEIL MICHAEL C ; ROTH ANDREW H ; SAIKI SCOTT J ; DELPHI TECH INC ; HARLEY DAVIDSON MOTOR CO GROUP ; HARLEY DAVIDSON MOTOR CO INC

Assignee(s): BWI CO LTD SA ; HARLEY DAVIDSON MOTOR COMPANY GROUP INC ; DELPHI TECHNOLOGIES INC ; HARLEY DAVIDSON MOTOR CO GROUP INC

Inventor(s): (std): FULKS GARY C ; HAERR TIMOTHY A ; PFEIL MICHAEL C ; ROTH ANDREW H ; SAIKI SCOTT J

Inventor(s): FULKS GARY ; SAIKI SCOTT ; ROTH ANDREW ; PFEIL MICHAEL ; HAERR TIMOTHY

Agent(s): DELPHI TECHNOLOGIES INC; THOMAS N

Title: HEADLIGHT MOUNTING ARRANGEMENT

Abstract: Source: US2007075514A A vehicle comprising a frame, at least one wheel operable to contact a substantially horizontal support surface, a prime mover supported by the frame and in driving engagement with the at least one wheel, a suspension system operable to maintain the frame in an upright position while driving along a straight path and to permit the frame to lean relative to the support surface while cornering, and at least two headlights coupled to the suspension system and arranged in a substantially horizontal configuration, wherein the headlights remain in the substantially horizontal configuration when the frame is in the upright position and when the frame is leaning.

Classifications:

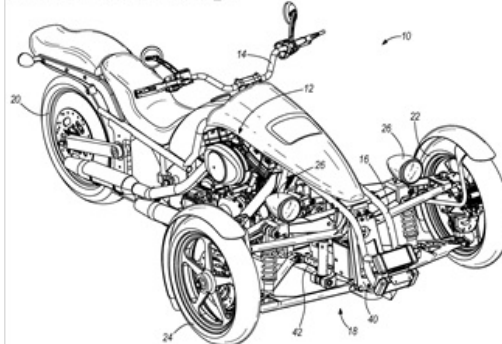
International (IPC 8-9): B60G17/015 B60G21/00 B60G21/05 B60G21/10 B60G3/20 B60Q1/04 B62D61/06 B62J6/00 B62J6/02 B62K25/04 (Advanced/Invention); B62K5/00 (Advanced/Non-invention)

CPC: B60Q1/0483 B60G7/00 B60G21/007 B60G21/05 B60G2200/144 B60G2202/312 B60G2204/128 B60G2204/129 B60G2204/143 B60G2204/148 B60G2204/414 B60G2300/122 B60G2300/45 B60Q1/0035 B60Q1/124 B62K5/027 B62K5/05 B62K5/10 B62K2005/001 Y10S180/908

European: B60G21/00D B60G21/05 B60G7/00 B60Q1/00G1 B60Q1/04C B60Q1/124 B62K5/027 B62K5/05 B62K5/10 L60G200/144 L60G202/312 L60G204/128 L60G204/129 L60G204/143 L60G204/148 L60G204/414 L60G300/122 L60G300/45 L62K5/00B

US: 180/210 180/908 280/124.103 280/124.103P 280/124.134 280/124.134S 362/476 362/476S

PatBase - US2007075514_AA

**Family:**

Publication number	Publication date	Application number	Application date
DE102006046145 A1	20070426	DE200610046145	20060928
ITMI20061873 A1	20070401	IT2006MI01873	20060929
JP2007099264 A2	20070419	JP20060267357	20060929
US2007075514 AA	20070405	US20060535257	20060926
US7571787 BB	20090811	US20060535257	20060926

Priority:

US20050722115P 20050930 US20060535257 20060926

Probable Assignee: HARLEY DAVIDSON MOTOR CO GROUP INC

Assignee(s): (std): HARLEY DAVIDSON MOTOR CO GROUP ; HARLEY DAVIDSON MOTOR CO INC

Assignee(s): HARLEY DAVIDSON MOTOR COMPANY GROUP INC ; HARLEY DAVIDSON MOTOR COMPANY GROUP LLC ; HARLEY DAVIDSON MOTOR CO GROUP INC ; HARLEY DAVIDSON MOTOR CO GROUP LLC

Inventor(s): (std): SAIKI SCOTT J

Inventor(s): SAIKI SCOTT

Agent(s): MICHAEL BEST AND FRIEDRICH LLP

Title: MOTORCYCLE**Abstract:** Source: USD547242S I claim, the ornamental design for a motorcycle, as shown and described.**Classifications:****CPC:** B62K5/10 B62K5/05 B62K5/027 B62K5/08**US:** D12/110**Locarno class:** 12/11**Family:**

Publication number	Publication date	Application number	Application date
CN3654481 D	20070606	CN200630123240F	20060901
IN206550 S	20120420	IN20060206550F	20060302
TWD118656 S1	20070821	TW20060304737F	20060823
USD547242 S1	20070724	US20060265047F	20060824

Priority:

EM20060487723F 20060302

Probable Assignee: PIAGGIO AND C SPA**Assignee(s):** (std): PIAGGIO AND C SPA**Assignee(s):** PIAGGIO and C. S.P.A. ; PIAGGIO AND C S P A**Inventor(s):** (std): LAMBRI MARCO**Agent(s):** HEDMAN AND COSTIGAN; JAMES V

Title: VEHICLE WITH LOCKABLE TILT SYSTEM

Abstract: Source: US201004977A A vehicle that includes a vehicle body and a vehicle support assembly. The vehicle body has a longitudinal axis and is configured for supporting a rider thereon. The support assembly includes first (421A) and second (421B) tilting wheels disposed respectively at different lateral positions with respect to the longitudinal axis, a tilt-mechanism (452) supportively associating the vehicle body from the tilting wheels to enable the vehicle body to tilt through a first tilt range with respect to a surface on which the tilting wheels are disposed, and a tilt-limiter (456) operably associated with the tilt-mechanism (452) to restrict the tilting of the vehicle body to less than the first tilt range, and releasable to allow the tilting through the first tilt range.

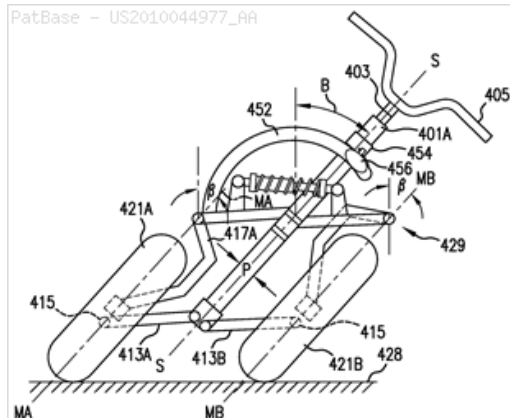
Classifications:

International (IPC 8-9): B60G17/00 B60K1/00 B62D65/12 B62D9/02 B62K5/00 B62K5/02 B62K5/04 B62K5/05 (Advanced/Invention); B60G17/00 B60K1/00 B62K5/00 (Core/Invention); B62K (Subclass/Invention)

CPC: B62K5/10 B60G21/007 B60G2300/122 B60G2300/45
B60G2800/012 B62K5/027 B62K5/05 B62K2204/00

European: B60G21/00D B62K5/027 B62K5/05 B62K5/10
L60G300/122 L60G300/45 L60G800/012 L62K204/00

US: 180/210 180/65.1 180/65.100S 280/124.103 280/5.509
280/5.509P



Family:

Publication number	Publication date	Application number	Application date
CY1114431 T1	20160831	CY20131100828T	20130920
CY1114447 T1	20161005	CY20131100847T	20131002
DE602007032546 D1	20131024	DE200760032546T	20070425
DE602007032597 D1	20131024	DE200760032597T	20070425
DK2019772 T3	20131007	DK20070761260T	20070425
DK2345576 T3	20131007	DK20070002880T	20070425
EP2019772 A1	20090204	EP20070761260	20070425
EP2019772 B1	20130828	EP20070761260	20070425
EP2345576 A1	20110720	EP20110002880	20070425
EP2345576 B1	20130828	EP20110002880	20070425
ES2433468 T3	20131211	ES20070761260T	20070425
ES2435478 T3	20131219	ES20110002880T	20070425
HK1160084 A1	20140117	HK20120100558	20120117
PT2019772 T	20131118	PT20070761260T	20070425
PT2345576 T	20131118	PT20110002880T	20070425
TW200815231 A	20080401	TW20070114645	20070425
TWI406782 B	20130901	TW20070114645	20070425
US2010044977 AA	20100225	US20070298752	20070425
US8141890 BB	20120327	US20070298752	20070425
WO07127783 A1	20071108	WO2007US67389	20070425

Priority:

EP20070761260	20070425	EP20110002880	20070425	US20060794839P	20060426
WO2007US67389	20070425	US20070298752	20070425		

Probable Assignee: VECTRIX INT LTD

Assignee(s): (std): BLISS CRAIG ; HUGHES PETER S ; TWOMBLY ANDREW H ; VECTRIX CORP ; VECTRIX INT LTD

Assignee(s): VECTRIX INT ; NEW VECTRIX LLC LENDER AS

Inventor(s): (std): HUGHES PETER ; HUGHES PETER S ; BLISS CRAIG ; TWOMBLY ANDREW ; TWOMBLY ANDREW H

Inventor(s): TWOMBLY ANDREW H HERBON ; BLISS CRAIG TAUNTON ; CRAIG BLISS ; HUGHES PETER S SOUTH HARWICH ; HUGHES PETER S SOUTH HARWICH MA ; PETER S HUGHES ; ANDREW H TWOMBLY

Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; MILTENYI PETER; DORSEY AND WHITNEY LLP,INTELLECTUAL PROPERTY DEPARTMENT; DORSEY AND WHITNEY LLP INTELLECTUAL PROPERTY DEPARTMENT; PROCOPIO CORY HARGREAVES AND SAVITCH LLP; STEPHEN C

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH 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 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 MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: WHEELED VEHICLE WITH WATER DEFLECTORS

Abstract: Source: US2008023242A A vehicle has a straddle seat, a left front wheel and a right front wheel. Each of the front wheels is mounted to the vehicle via a front suspension. Each front wheel has a fender associated therewith. At least one rear wheel is mounted to the vehicle via a rear suspension. A left footrest is disposed on a left side of the vehicle at a location below the straddle seat. A right footrest is disposed on a right side of the vehicle at a location below the straddle seat. A left water deflector is disposed at a location between the left front wheel and the left footrest. A right water deflector is disposed at a location between the right front wheel and the right footrest.

Classifications:

International (IPC 8-9): B62D61/06 B62J15/00 B62J17/06

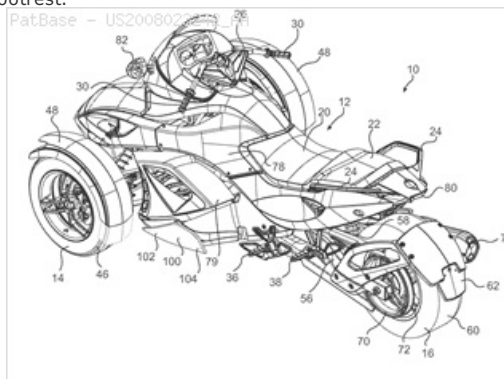
B62K5/04 (Advanced/Invention);

B62D61/00 (Core/Invention)

CPC: B62J15/00 B62K5/027 B62K5/05

European: B62J15/00 B62K5/027 B62K5/05

US: 180/210 280/62



Family:

Publication number	Publication date	Application number	Application date
EP1878645 A1	20080116	EP20060117432	20060718
EP1878645 B1	20091230	EP20060117432	20060718
ES2339045 T3	20100514	ES20060117432T	20060718
US2008023242 AA	20080131	US20060457674	20060714
US7543673 BB	20090609	US20060457674	20060714

Priority:

US20060457674 20060714

Probable Assignee: BOMBARDIER RECREATIONAL PRODUCTS INC

Assignee(s): (std): BOMBARDIER RECREATIONAL PROD ; BOMBARDIER RECREATIONAL PRODUC

Assignee(s): BANK OF MONTREAL ; BOMBARDIER RECREATIONAL PRODUCTS INC

Inventor(s): (std): BEDARD BRUNO ; DUVAL DANY ; DUVALL DANY ; LACHAPPELLE DANIEL

Agent(s): SOLF ALEXANDER; OSLER HOSKIN AND HARCOURT LLP BRP; OSLER HOSKIN AND HARCOURT LLP

Designated states: AL BA ES FR HR IT MK YU

Title: HEADLIGHT UNIT AND STRADDLE-TYPE VEHICLE

Abstract: Source: US2009040779A A headlight unit includes a reflector that is concave in shape and has left and right reflection surfaces for reflecting light emitted by a headlight bulb in a desired direction. Protection covers cover outer edge sections of the reflector and have a color different from that of the left and right reflection surfaces.

Classifications:

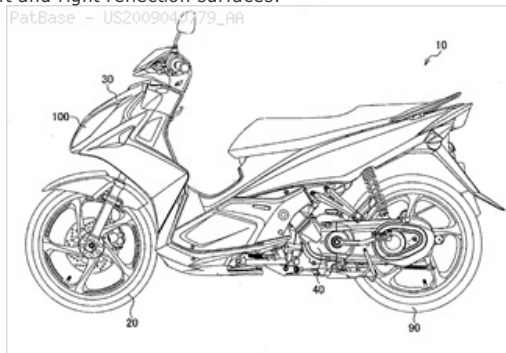
International (IPC 8-9): B62J6/02 F21S8/10 F21V1/16 F21V15/00 F21V7/00 F21V7/04 (Advanced/Invention); F21W101/027 F21W101/10 F21Y101/00 (Advanced/Non-invention); B62J6/00 B62J6/02 F21S8/10 F21V1/00 F21V15/00 F21V7/00 F21V7/04 (Core/Invention)

International (IPC 1-7): B62J6/02

CPC: F21S48/1317 B60Q1/0041 B62J6/02

European: B60Q1/00G2 B62J6/02 F21S48/13D F21V15/00

US: 362/516 362/516P 362/517 362/518



Family:

Publication number	Publication date	Application number	Application date
CN101363585 A	20090211	CN200810145324	20080807
CN101363585 B	20120725	CN200810145324	20080807
JP2009040203 A2	20090226	JP20070206921	20070808
TH36376 B	20130731	TH20081003957	20080730
TH98239 A	20090910	TH20081003957	20080730
US2009040779 AA	20090212	US20080187204	20080806
US8388201 BB	20130305	US20080187204	20080806
VN11530 A1	20130725	VN20080001449	20080612

Priority:

JP20070206921 20070808

Probable Assignee: YAMAHA HATSUDOKI KK

Assignee(s): (std): OHZONO GEN ; YAMAHA MOTOR CO LTD

Assignee(s): YAMAHA HATSUDOKI KABUSHIKI KAISHA ; YAMAHA HATSUDOKI KK ; YAMAHA MOTOR CO

Inventor(s): (std): GEN OHZONO ; OHZONO GEN ; OSONO HAJIME

Agent(s): HOGAN AND HARTSON LLP; KEATING AND BENNETT LLP

Title: REFLECTOR SUPPORT STRUCTURE

Abstract: Source: US2009057509A A reflector support structure capable of reducing the effect on the appearance of a vehicle body, while maintaining good visibility. In a vehicle including a wheel disposed on a vehicle body frame via a suspension, a fender covering an upward area of the wheel, a cross frame disposed on an inside of the fender and extending laterally across the vehicle body frame, and a shock absorber having an upper end attached to the cross frame, a reflector is disposed visibly from an outside of the vehicle body on the cross frame disposed on the inside of the fender.

Classifications:

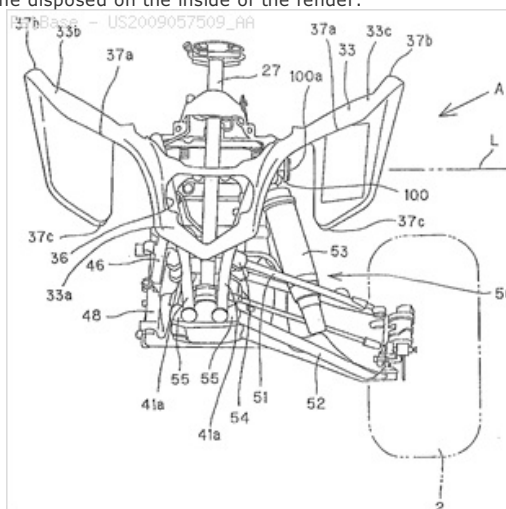
International (IPC 8-9): A47B96/06 B60J7/00 B62J39/00 B62J6/20 B62K5/00 (Advanced/Invention);

A47B96/06 B62J6/00 B62K5/00 (Core/Invention)

CPC: B62J6/20 B60Q1/32 B62K5/01

European: B60Q1/32 B62J6/20 B62K5/01

US: 248/205.1 248/205.100P 296/198



Family:

Publication number	Publication date	Application number	Application date
CA2635256 AA	20090228	CA20082635256	20080618
CA2635256 C	20120911	CA20082635256	20080618
CN101376413 A	20090304	CN200810145416	20080805
CN101376413 B	20121121	CN200810145416	20080805
JP2009056950 A2	20090319	JP20070226442	20070831
US2009057509 AA	20090305	US20080200232	20080828
US7988226 BB	20110802	US20080200232	20080828

Priority:

CA20082635256 20080618 JP20070226442 20070831

Probable Assignee: HONDA MOTOR CO LTD

Assignee(s): (std): HIRUKAWA MASAYUKI ; HONDA MOTOR CO LTD

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

Inventor(s): (std): HIRUKAWA MASAYUKI ; MASAYUKI HIRUKAWA

Agent(s): DENNISON ASSOCIATES; BIRCH STEWART KOLASCH AND BIRCH; BIRCH STEWART KOLASCH AND BIRCH LLP

Title: MOTORCYCLE

Abstract: Source: USD598328S (Claim 1) CLAIM The ornamental design for a motorcycle, as shown and described.

Classifications:

CPC: B62K5/027 B62K5/05 B62K5/10 B62K2202/00

US: D12/110

Locarno class: 12/11



Family:

Publication number	Publication date	Application number	Application date
USD598328 S1	20090818	US20080307786F	20080512

Priority:

US20080307786F 20080512

Probable Assignee: PIAGGIO AND C SPA

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

Assignee(s): PIAGGIO AND C S P A

Inventor(s): (std): LAMBRI MARCO

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

Title: SADDLE RIDING TYPE VEHICLE

Abstract: Source: US2010168966A A saddle riding type vehicle includes a balancer beam rotatably mounted on a vehicle body to cause a right wheel and a left wheel to move up and down in opposite directions, and is capable of making turns by leaning the vehicle body. The saddle riding type vehicle also includes a headlight, a drive mechanism arranged to rotate the headlight, a front detector arranged to detect a rotation angle of the balancer beam relative to the vehicle body, and a controller programmed to control the drive mechanism based on a result of detection by the front detector. The rotation angle detected by the front detector corresponds to an angle of the vehicle body leaning sideways relative to a traveling surface (relative lean angle). The controller controls the drive mechanism based on such result of detection by the front detector. The headlight can therefore illuminate directions of movement properly.

Classifications:

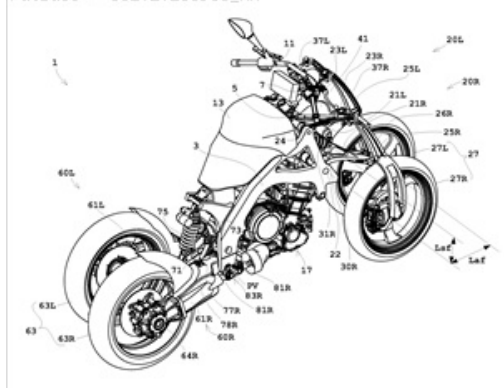
International (IPC 8-9): B60Q1/00 B60Q1/12 B62J6/02 B62K11/00 B62K5/00 F21S8/12 G06F17/00 (Advanced/Invention); F21W101/027 (Advanced/Non-invention); B60Q1/04 B62J6/00 B62K5/00 F21S8/10 (Core/Invention)

CPC: B60Q1/12 B60Q2300/136 B62J6/02

European: B60Q1/12 B62J6/02 L60Q300/136

US: 280/270 280/270S 362/466 362/466S 701/48 701/48P 701/49

PatBase - US2010168966_AA



Title: Motorcycle wherein component parts thereof are disposed according to an improved layout

Abstract: Source: EP2216218A1 An ABS unit 25 is disposed between a head pipe 3 and a headlight device 26 such that a portion 25' of the ABS unit 25 is superposed on the headlight device 26 as viewed from above a vehicle

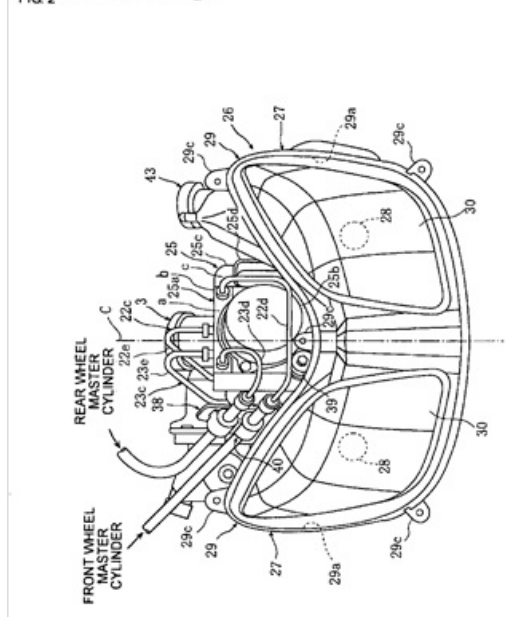
Classifications:

International (IPC 8-9): B60T8/26 B60T8/32 B62J35/00 B62J6/02 B62K11/00 B62K19/46 B62L3/00 (Advanced/Invention)

CPC: B60T8/3685 B62J6/02 B62K2202/00

European: B60T8/36F8B2 B62J6/02 L62K202/00

FIG 2 - EP2216218_A1



Family:

Publication number	Publication date	Application number	Application date
AT495956 E	20110215	AT20090001545T	20090204
DE6020090000643 D1	20110303	DE200960000643T	20090204
EP2216218 A1	20100811	EP20090001545	20090204
EP2216218 B1	20110119	EP20090001545	20090204
ES2357795 T3	20110429	ES20090001545T	20090204

Priority:

EP20090001545 20090204

Probable Assignee: YAMAHA MOTOR EUROP

Assignee(s): (std): YAMAHA MOTOR EUROP

Assignee(s): YAMAHA MOTOR EUROPE N V ; YAMAHA MOTOR EUROPE NV

Inventor(s): (std): GRION ANDREA ; LOSANTOS SISTACH JOSEP

Agent(s): GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER ANWALTSSOZIELTET

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

Title: CONTROL SYSTEM FOR LEANING VEHICLE

Abstract: Source: US2011006498A A leaning vehicle has a frame that pivots relative to a pivotable frame member about a pivot axis. A torque exerted on a steering assembly in a first direction causes the frame to pivot relative to the pivotable frame member in a second, opposite direction at least when the speed of the vehicle is above a first threshold speed, to steer the vehicle in the second direction. An actuator urges the frame toward an upright position when the frame is in a leaning position and a speed of the vehicle is below a second threshold speed. A method is also described, in which a torque is exerted on the frame in the direction opposite the steering torque when the speed above the first threshold speed. The torque exerted by the actuator is opposite the leaning angle when the speed of travel is below the second threshold speed.

Classifications:

International (IPC 8-9): B60G21/00 B62D3/02 B62D9/02 B62D9/04 B62K5/00 B62K5/02 B62K5/027 B62K5/05

B62K5/10 (Advanced/Invention);

B62K5/00 (Advanced/Non-invention)

CPC: B60G21/00 B60G2300/122 B62D9/02 B62K5/05 B62K5/10

B62K2005/001 B62K2207/02 B60G2300/45

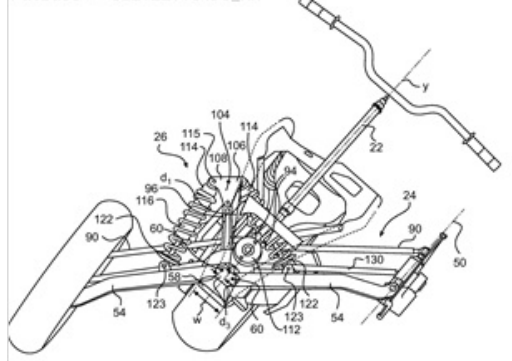
European: B62D9/02 B62K5/05 B62K5/10 L60G300/122

L62K207/02 L62K5/00B

US: 180/210 280/124.103 280/124.103P 280/5.5 280/5.506

280/5.509 280/5.51 280/5.510P 280/93.512

PatBase - US2011006498_AA



Family:

Publication number	Publication date	Application number	Application date
CA2764904 AA	20111208	CA20102764904	20100708
CN102470909 A	20120523	CN201080030222	20100708
CN102470909 B	20131218	CN201080030222	20100708
DE602010032235 D1	20160525	DE201060032235T	20100708
EP2451699 A1	20120516	EP20100731902	20100708
EP2451699 B1	20160413	EP20100731902	20100708
US2011006498 AA	20110113	US20090501025	20090710
US2012119453 AA	20120517	US20120356985	20120124
US2012267870 AA	20121025	US20120541804	20120705
US2013113174 AA	20130509	US20120724203	20121221
US8123240 BB	20120228	US20090501025	20090710
US8235398 BB	20120807	US20120356985	20120124
US8360440 BB	20130129	US20120541804	20120705
US8602421 BB	20131210	US20120724203	20121221
WO11005945 A1	20110113	WO2010US41346	20100708

Priority:

EP20100731902 20100708 US20090501025 20090710 WO2010US41346 20100708
 US20120356985 20120124 US20120541804 20120705 US20120724203 20121221

Probable Assignee: BOMBARDIER RECREATIONAL PRODUCTS INC

Assignee(s): (std): BOMBARDIER RECREATIONAL PROD ; BRP US INC ; MERCIER DANIEL

Assignee(s): BOMBARDIER RECREATIONAL PRODUCTS INC ; BOMBARDIER RECREATIONAL PRODUCTS INC
 VALCOURT ; BANK OF MONTREAL

Inventor(s): (std): DANIEL MERCIER ; MERCIER DANIEL

Agent(s): BCF LLP; PATENT U RECHTSANWAELTE DR SOLF AND ZAPF; CABINET PLASSERAUD; OSLER HOSKIN
 AND HARCOURT LLP BRP; OSLER HOSKIN AND HARCOURT LLP; CUTLER JONATHAN

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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: Tail motorcycles (Machine translation)

Abstract: Source: TWD141564S

Machine translation: [use] items; the articles of a kind motorcycle taillights, the system installed in the rear locomotive, with lighting, to remind the rear car and decorative purposes.;] [Creative features; the creation of the design features of the use of rear brake lights and rear turn signals integrated in the same single one-body design; especially in light of the shape of the part, different from other types of vehicles, using high-angle The high visibility of the shape around the longitudinal design.; The lamp body design features a unique light on the manner of a staggered configuration, and the use of lenses with matching interior panels shape, and can present a previously unknown prior art of layering with the unique sense of visual effects and technology.

Classifications:

Locarno class: 26/06

PatBase - TWD141564_S1



Family:

Publication number	Publication date	Application number	Application date
TWD141564 S1	20110711	TW20080306143F	20081024

Inventor(s): CHEN, JU WEI ; SHIH, WEN CHIH ; YEH, CHING TSANG

Title: TILTABLE MOTORCYCLES WITH TWO FRONT STEERING WHEELS

Abstract: Source: US2013168944A Motorcycles are provided which include a frame, two front steering wheels, a steering pipe rotatably connected to the frame and rigidly connected to two supporting assemblies, one for each front steering wheel and a steering group consisting of two pairs of transversal arms-upper front, lower front, upper rear and lower rear-arranged inverted at the opposite sides of a central steering pipe and laterally connected through two lateral posts. On each of the supporting assemblies the fixed portions of two telescopic elements may be constrained. Each pair of telescopic elements may be cantilever-mounted with respect to the steering wheel.

Classifications:

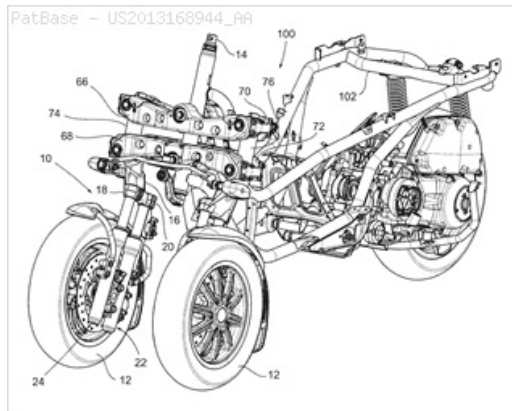
International (IPC 8-9): B60G3/01 B62D61/06 B62D9/02 B62D9/04 B62K11/02 B62K21/00 B62K25/00 B62K25/08 B62K5/00 B62K5/01 B62K5/027 B62K5/04 B62K5/05 B62K5/08 B62K5/10 (Advanced/Invention); B62K25/04 B62K5/00 (Advanced/Non-invention)

International (IPC 1-7): B62K5/04

CPC: B62D9/02 B62D61/065 B62K25/08 B62D9/04 B62K11/02 B60G3/01 B60G2300/122 B60G2300/45 B62K5/027 B62K5/05 B62K5/08 B62K5/10 B62K2005/001 B62K2025/047 B62K5/01

European: B60G3/01 B62K5/027 B62K5/05 B62K5/08 B62K5/10 L60G300/122 L60G300/45 L62K25/04F L62K5/00B

US: 1/1 280/269



Family:

Publication number	Publication date	Application number	Application date
AR082228 AA	20121121	AR2011P102552	20110715
CN103153769 A	20130612	CN201180044710	20110707
CN103153769 B	20160817	CN201180044710	20110707
DE602011018958 D1	20151001	DE201160018958T	20110707
EP2593352 A1	20130522	EP20110751935	20110707
EP2593352 B1	20150819	EP20110751935	20110707
EP2977304 A1	20160127	EP20150180293	20110707
EP2977305 A1	20160127	EP20150180295	20110707
EP2977306 A1	20160127	EP20150180302	20110707
EP2977307 A1	20160127	EP20150180305	20110707
ES2553744 T3	20151211	ES20110751935T	20110707
IT1401130 B1	20130712	IT2010MI01317	20100716
ITMI20101317 A1	20120117	IT2010MI01317	20100716
TW201210882 A	20120316	TW20110124572	20110712
TWI549856 B	20160921	TW20110124572	20110712
US2013168944 AA	20130704	US20110810231	20110707
US2014353940 AA	20141204	US20140301377	20140611
US9227662 BB	20160105	US20110810231	20110707
WO12007819 A1	20120119	WO2011B01619	20110707
WO12007819 A8	20120322	WO2011B01619	20110707

Priority:

EP20110751935	20110707	EP20150180293	20110707	IT2010MI01317	20100716
EP20150180295	20110707	EP20150180302	20110707	EP20150180305	20110707
WO2011B01619	20110707	US20130810231	20130318	US20140301377	20140611

Probable Assignee: PIAGGIO AND C SPA

Assignee(s): (std): BARTOLOZZI STEFANO ; BERNARDI LUCA ; PIAGGIO AND AMP C S P A ; PIAGGIO AND C S P A ; PIAGGIO AND C SPA ; PROFETI MARCO ; ROSELLINI WALTER

Inventor(s): (std): BARTOLOZZI STEFANO ; BERNARDI LUCA ; PROFETI MARCO ; ROSELLINI WALTER

Agent(s): MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB; LEIHKAUF STEFFEN FALK; MITOLA MARCO; LINAGE RAFAEL; ROBERT E; OTTAZZO MARCO

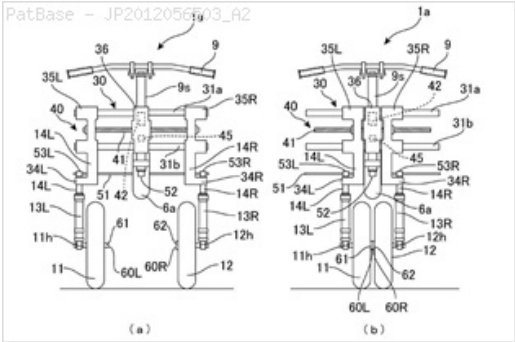
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY 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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: VEHICLE CONFIGURED TO ROLL VEHICLE BODY

Abstract: Source: JP2012056503A PROBLEM TO BE SOLVED: To provide a vehicle which can provide a sense of stability in low-speed traveling or stopping and can provide a sense of steering like a two-wheeler at high-speed traveling even when it is inclined.SOLUTION: The vehicle 1a includes: a lateral pair of front wheels 11 and 12 provided on at least one side of the front side and rear side in an advancing direction; a rolling mechanism 30 which interlocks inclinations of the front wheels 11 and 12; and a tread control mechanism 40 which controls the distance between the wheels 11 and 12 due to the speed. In the vehicle 1, a rolling traveling similar or close to a two-wheeler can be enjoyed in high-speed traveling by reducing the distance between the front wheels 11 and 12, and the sense of stability of a three-wheeler can be obtained in stopping by extending the distance between the front wheels 11 and 12.

Classifications:

International (IPC 8-9): B62K13/00 B62K21/22 B62K5/04 B62M7/12 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2012056503 A2	20120322	JP20100203014	20100910

Priority:

JP20100203014 20100910

Probable Assignee:

NAGAOKA TECHNO SERVICE KK

Assignee(s): (std):

NAGAOKA TECHNO SERVICE KK

Inventor(s): (std):

TAKAMIZAWA HIDEO

Title: REGULATION SYSTEM OF THE HEADLIGHTS IN A TILTING VEHICLE WITH ROLL MECHANISM

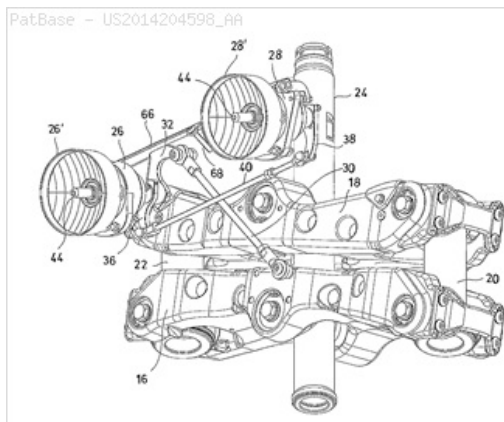
Abstract: Source: US2014204598A A regulation system of one or more supports of the domes of the headlights in a vehicle having a chassis, a rear wheel, at least one front steering wheel and a roll and steering mechanism operatively connected with the chassis is described. The regulation system comprises articulated connection means between the roll and steering mechanism and the supports for controlling the domes of such headlights so that they rotate such to compensate the roll rotation of the vehicle while driving.

Classifications:

International (IPC 8-9): B60Q1/04 B60Q1/06 B60Q1/11 B60Q1/115 B60Q1/12 B62J6/02 B62J99/00 (Advanced/Invention)

CPC: B60Q1/11 B60Q1/12 B60Q1/18 B60Q2200/36 B60Q2300/136 B62J6/02 B62K5/10

US: 362/460



Family:

Publication number	Publication date	Application number	Application date
CN103796874 A	20140514	CN201280038282	20120731
CN103796874 B	20160629	CN201280038282	20120731
DE602012006922 D1	20150603	DE201260006922T	20120731
EP2739508 A1	20140611	EP20120740985	20120731
EP2739508 B1	20150422	EP20120740985	20120731
EP2923889 A1	20150930	EP20150164523	20120731
ES2542960 T3	20150813	ES20120740985T	20120731
IN00582DN2014 A	20150109	IN2014DN00582	20140124
ITMI20111469 A1	20130202	IT2011MI01469	20110801
JP2014526996 T2	20141009	JP20140523305T	20120731
JP6086911 B2	20170301	JP20140523305T	20120731
TW201321251 A	20130601	TW20120127596	20120731
US2014204598 AA	20140724	US20120235092	20120731
WO13017594 A1	20130207	WO2012EP64955	20120731

Priority:

EP20120740985 20120731 IT2011MI01469 20110801 WO2012EP64955 20120731

Probable Assignee: PIAGGIO AND C SPA

Assignee(s): (std): BARTOLOZZI STEFANO ; DI TANNA ONORINO ; NARDO LORENZO ; PIAGGIO AND C SPA ; SANTUCCI MARIO

Assignee(s): PIAGGIO AND CSPA ; PIAGGIO AND C S P A

Inventor(s): (std): SANTUCCI MARIO ; NARDO LORENZO ; DI TANNA ONORINO ; BARTOLOZZI STEFANO

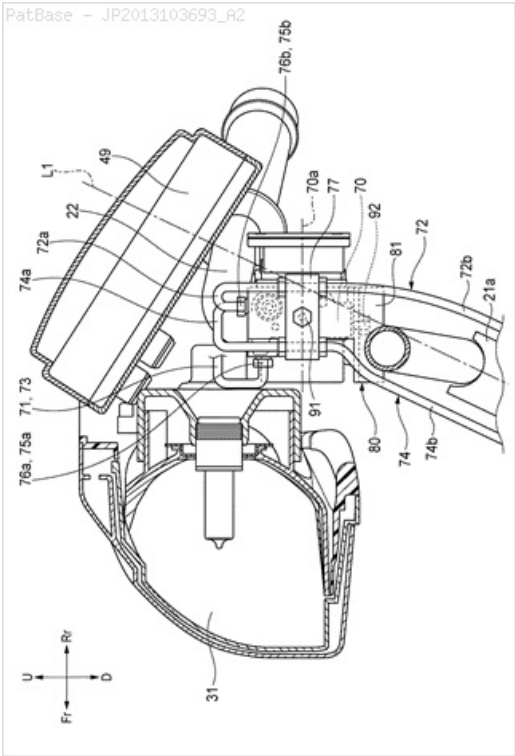
Agent(s): MITOLA MARCO; LINAGE RAFAEL; SAMEJIMA MUTSUMI; YAMAZAKI HIROSHI; NISHISHITA SHOSEKI; OHTSUKA MASA HARU; DI GIACOMO ROBERTA ET AL

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 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 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

Title: MOTORCYCLE

Abstract: Source: JP2013103693A PROBLEM TO BE SOLVED: To provide a motorcycle that can dispose an ABS module at a position where the piping is hardly affected by turning even in a vehicle hard to secure comparatively large space in front of the head pipe.SOLUTION: The motorcycle 10 includes: a steering member 21a that is turnably supported by a head pipe 12; a bar handle 22 that is attached to the steering member 21a and is operated by the occupant when turning; the hydraulic brakes 45 and 46 that give the braking force to, wheel WF and WR; and the ABS module 70 that decompresses the hydraulic pressure that acts on the hydraulic brakes 45 and 46. A recess 22a that bends toward down side is formed at the intermediate part of the handle 22, and the ABS module 70 is housed by the recess 22a of the handle 22 in the vehicle front view, while being disposed in the position upper side of the steering member 21a in the side view of the vehicle and overlaps with the handle 22.

Classifications:
International (IPC 8-9): B62K19/38 B62L3/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2013103693 A2	20130530	JP20110250934	20111116
JP5572618 B2	20140813	JP20110250934	20111116

Priority:

JP20110250934 20111116

Probable Assignee: HONDA MOTOR CO LTD

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

Inventor(s): (std): KOJIMA KAORU ; NAKAYA HIROKATSU ; SAITO SATOSHI ; TAKENOUCHI KAZUYA

Title: SADDLE RIDING TYPE VEHICLE

Abstract: Source: EP2599695A1 A motorcycle is provided that has a direction indicator lamp (59) at a side cover, so that the direction indicator lamp (59) is more easily visually recognized from other and the direction indicator lamp (59) is unlikely to contact other motorcycles and the like. A side cover (53) includes a first side cover that covers a vehicle widthwise outer side of a front part and has a front part connected to a front cover (52) and a second side cover provided adjacent to the first side cover as viewed in the vehicle widthwise direction. A support surface facing an outer surface of the second side cover in the vehicle widthwise direction is positioned more on the inner side in the vehicle widthwise direction than a first side surface facing an outer side of the first side cover in the vehicle widthwise direction. The support surface has an opening. A part of the direction indicator lamp (59) protrudes to the outer side in the vehicle widthwise direction from the opening.

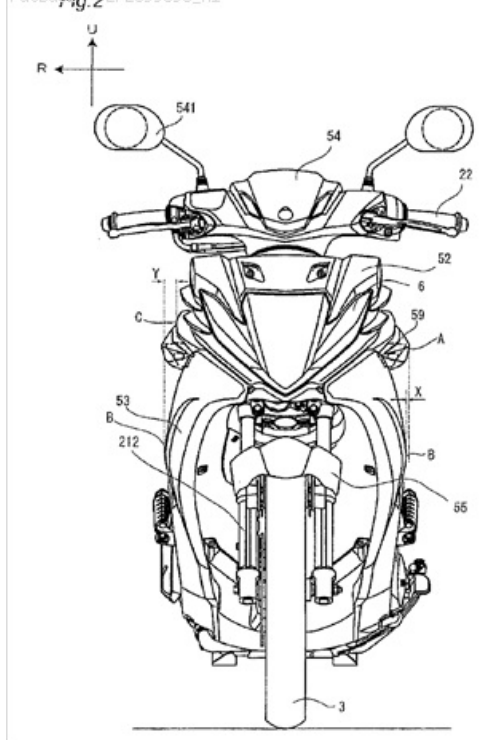
Classifications:

International (IPC 8-9): B60Q1/34 B60Q1/38 B62J17/00 B62J23/00 B62J6/00 B62K11/00 (Advanced/Invention); B62J6/00 (Core/Invention)

International (IPC 1-7): B62J23/00 B62J6/00

CPC: B62J6/005 B62J17/00 B62K11/00 B60Q1/0491

Fig.2 EP2599695_A1



Family:

Publication number	Publication date	Application number	Application date
CN103129669 A	20130605	CN201210506275	20121130
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DE602012002346 D1	20140821	DE201260002346T	20121031
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EP2599695 B1	20140709	EP20120190900	20121031
JP2013112301 A2	20130610	JP20110262791	20111130
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TW201332826 A	20130816	TW20120140889	20121102
TWI495590 B	20150811	TW20120140889	20121102
VN13987 A1	20150525	VN20120003323	20121108

Priority:

EP20120190900 20121031 JP20110262791 20111130

Probable Assignee: YAMAHA HATSUDOKI KABUSHIKI KAISHA

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

Assignee(s): YAMAHA HATSUDOKI IWATA SHI KK ; YAMAHA HATSUDOKI KABUSHIKI KAISHA ; YAMAHA HATSUDOKI KK ; YAMAHA MOTOR CO

Inventor(s): (std): AOKI KOJI ; AOKI YASUSHI ; KONNO TOSHIHIKO

Agent(s): SCHOPPE ZIMMERMANN STOECKELER ZINKLER SCHENK AND PARTNER MBB PATENTANWALTE; ZIMMERMANN TANKRED KLAUS; MATSUYAMA TAKAO; UEBA HIDETOSHI

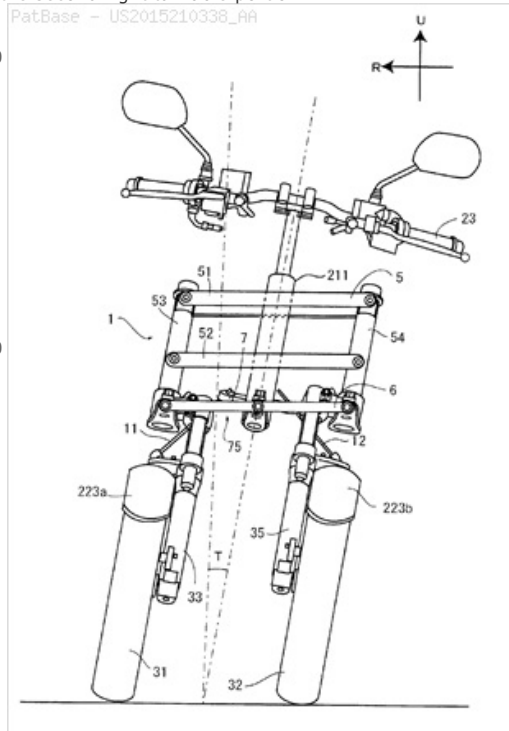
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: VEHICLE

Abstract: Source: US2015210338A A vehicle includes a center transmission plate, a first center turnable portion configured to turn about a first center turning axis extending in an up-down direction, a second center turnable portion configured to turn about a second center turning axis extending in a front-rear direction, a left transmission plate, a first left turnable portion configured to turn about a first left turning axis extending in the up-down direction, a second left turnable portion configured to turn about a second left turning axis extending in the front-rear direction, a right transmission plate, a first right turnable portion configured to turn about a first right turning axis extending in the up-down direction, and a second right turnable portion configured to turn about a second right turning axis extending in the front-rear direction. A tie rod is supported on the second center turnable portion, the second left turnable portion, and the second right turnable portion.

Classifications:

International (IPC 8-9): B60G13/04 B60G17/005 B60G17/016
B60G17/08 B60G21/00 B60G21/05 B60G21/055 B60G3/01 B60G3/20
B60T11/04 B60T11/10 B60T17/04 B60T8/17 B62D35/00 B62D7/00
B62D9/02 B62J15/00 B62J17/00 B62J17/02 B62J23/00 B62K11/02
B62K11/14 B62K19/32 B62K19/38 B62K19/40 B62K21/00
B62K21/02 B62K21/08 B62K21/12 B62K21/16 B62K21/18
B62K21/20 B62K25/00 B62K25/04 B62K25/08 B62K25/24 B62K3/00
B62K5/00 B62K5/01 B62K5/02 B62K5/027 B62K5/05 B62K5/06
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B62L5/00 (Advanced/Invention);
B60T17/04 B62K5/00 (Advanced/Non-invention);
B60G17/005 B62D7/00 B62J15/00 B62J23/00 B62K19/40 B62K21/00
B62K21/02 B62K5/02 B62K5/05 B62K5/08 (Core/Invention)
CPC: B62J17/02 F16D65/0062 F16D65/12 B62K21/20 B62K25/08
B60G3/20 B60G21/0553 B60G2300/12 B60G2800/012 B62K5/06
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B60G2204/82 B60G2204/83 B62K21/00 B62K19/40 B60T17/04
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B62D9/02 B62K21/18 B62K2202/00 B62K21/02 B60G17/005
US: 1/1 280/124.103 280/267 280/269 280/5.509 280/62



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: YAMAHA MOTOR CO LTD

Assignee(s): (std): YAHAMA HATSUDOKI KK ; YAMAHA MOTOR CO LTD

Assignee(s): YAMAHA MOTOR CO ; YAMAHA HATSUDOKI IWATA SHI KK ; YAMAHA HATSUDOKI KK ; YAMAHA HATSUKOKI KK

Inventor(s): (std): HIRAYAMA YOSUKE ; IIZUKA TOSHIO ; KUBO YUTAKA ; MIYAMOTO NOBORU ; OGAWA HIROKATSU ; SASAKI KAORU ; WATANABE TAKAHIRO ; YAMASAKI SHIGETO ; TAKANO KAZUHISA

Inventor(s): TOSHIO IIZUKA ; YOSUKE HIRAYAMA ; YUTAKA KUBO ; TAKAHIRO WATANABE ; NOBORU MIYAMOTO ; KAORU SASAKI ; KAZUHISA TAKANO ; HIROKATSU OGAWA

Agent(s): JUAN PABLO CADENA SARMIENTO; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; INSAN BUDI MAULANA; ROHALDY MULUK; DIPL ING ROHALDY MULUK; SHIN EI PATENT FIRM PC; KEATING AND BENNETT LLP

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