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Search: TAC=(fuel and float* and (motorcycle or motorbike)) and IC=(F02M37 or G21C)

Records: 19 (1-19 of 19)

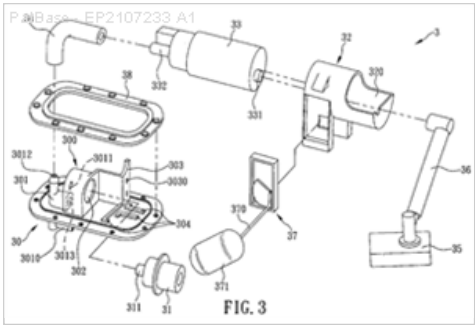
Export type: Family Export

1. Family 43792149 (EP2107233 A1)

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Title
[EN] INSTALLATION STRUCTURE FOR FUEL PUMP AND PRESSURE REGULATING VALVE OF MOTORCYCLE

Abstract
[EN] An installation structure (3) for a fuel pump (33) and a pressure regulating valve (31) is installed in a fuel tank (4) of a motorcycle, and comprises a base (30), a pressure regulating valve (31), a support frame (32), and a pump (33). The base (30) is mounted with the support frame (32) thereon, while the support frame is formed with a pump receiving space (320) for receiving the pump (33). The pump has a fuel input opening (331) and a fuel output opening (332). The pressure regulating valve (31) has a fuel inlet (311) for receiving and regulating a fuel. The base further includes a connection base (300) formed with a pressure-regulating-valve receiving space (302) for receiving the pressure regulating valve (31). Meanwhile, the pressure-regulating-valve receiving space is transversely formed on the base, so that the pressure regulating valve is transversely mounted adjacent to a side of the pump.



International Class: B62J35/00; F02M37/00; F02M37/04; F02M37/08; F02M37/10; F02M37/14

Cooperative Patent Class: B62J35/00; F02M37/0011; F02M37/0017; F02M37/007

Family Information

Patent Number	Publication Date	Application Number	Application Date
EP2107233 A1	20091007	EP20080006841	20080404

Priority Numbers: EP20080006841 [20080404]

Probable Patent Assignee: KWANG YANG MOTOR CO

Assignees: KWANG YANG MOTOR CO

Non Std Assignees: KWANG YANG MOTOR CO LTD

Inventors: TU SHIH WANG; CHIEN YUNG SHENG

Agent(s): HAFT VON PUTTKAMER BERNGRUBER KARAKATSANIS

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; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; TR

2. Family 31795232 (EP1520774 A2)

[View in PatBase](#)

Title
[EN] FUEL TANK STRUCTURE OF MOTORCYCLE

Abstract
[EN] The object of the present invention is to provide a fuel tank structure which can protect a fuel pump unit while suppressing the increase of the weight of the fuel tank and maintaining the appearance of the fuel tank. <??>A center portion opening (122) formed in a fuel tank is closed by a lid portion (123) of a setting plate (121), an opening which allows a discharge pipe (124) extending from a fuel pump unit to pass therethrough is provided in the lid portion (123), and an upper portion of the fuel pump unit (120) is covered with the setting plate (121). Here, a gap (126) is ensured below the lid portion (123) to ensure the fastening ability of bolts (125a) and nuts (125b).

International Class: B60K15/00; B62J35/00; B62J37/00; F02M37/00; F02M37/08; F02M37/10; B62K11/00; B62K11/10; B62J25/00

Cooperative Patent Class: B60K15/00; B62J35/00; B62K2202/00; F02M37/00

Family Information

	Patent Number	Publication Date	Application Number	Application Date
	CN100338352 C	20070919	CN200410011942	20040924
	CN1603604 A	20050406	CN200410011942	20040924
	EP1520774 A2	20050406	EP20040104672	20040924
	EP1520774 A3	20050907	EP20040104672	20040924
	EP1520774 B1	20061122	EP20040104672	20040924
	ES2277659 T3	20070716	ES20040104672T	20040924
	IN00834DE2006 A	20160831	IN2006DE00834	20060327
	IN01469DE2004 A	20090130	IN2004DE01469	20040809
	IN243227 B	20101001	IN2004DE01469	20040809
	JP2005104444 A2	20050421	JP20030376281	20030930
	JP4367913 B2	20091118	JP20030376281	20030930
	KR100609388 B1	20060809	KR20040072610	20040910
	KR20050031882 A	20050406	KR20040072610	20040910
	TW200512118 A	20050401	TW20040118945	20040629
	TWI250950 B	20060311	TW20040118945	20040629

Priority Numbers: JP20030376281 [20030930]; IN2004DE01469 [20040809]

Probable Patent Assignee: HONDA MOTOR CO LTD

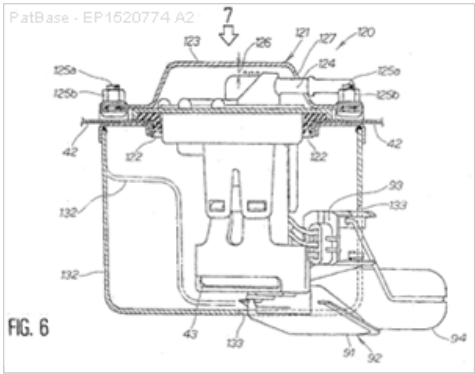
Assignees: HONDA MOTOR CO LTD

Non Std Assignees: HONDA MOTOR CO

Inventors: YUCHIRO HAYASHI HIDEKI DOI TAK; TAKASHI DOI; YUCHIRO MORIKAWA; HIDEKI HAYASHI; DOI TAKASHI; HAYASHI HIDEKI; MORIKAWA YUICHIRO

Non Std Inventors: HAYASHI HIDEKI DOI TAKASHI MORIKAWA YUCHIRO; MORIKAWA YUCHIRO; YUICHIRO MORIKAWA

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



3. Family 30979544 (GB713701 A)

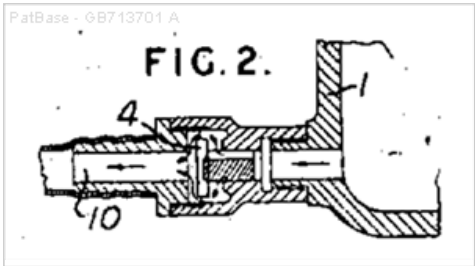
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Title

[EN] IMPROVEMENTS IN OR RELATING TO CARBURETTERS FOR MOTOR-VEHICLE ENGINES

Abstract

[EN] 713.701. Spray carburetters. INNOCENTI SOC. GENERALE PER L'INDUSTRIA METALLURGICA E MECCANICA. April 30, 1952 [May 2, 1951], No. 10930/52. Class 7(3) In a motor vehicle for example a motor cycle, a valve 4 is interposed in a conduit 10 leading from a float chamber 1 to the carburetter (not shown). The valve has two seats and is arranged to close the conduit during abrupt changes of speed by coming to rest on one or other of the seats. The valve thus prevents on acceleration excessive inertia flow to the carburetter and on retardation flow back to the chamber.



International Class: B60K13/00; B60K13/06; F01L1/00; F02M19/00; F02M19/06; B62J17/00; F02M35/16; F02M37/00

Cooperative Patent Class: B60K13/06; B60Y2200/12; F01L1/00; F01L2710/006; F02M19/06; Y10T137/0753; Y10T137/6881; Y10T137/7915

US Class: 137/351; 137/38; 137/533.21; 180/219

Family Information

	Patent Number	Publication Date	Application Number	Application Date
	DE885027 A	19530730	DE1952I005797	19520501
	GB713701 A	19540818	GB19520010930	19520430
	US2788012 A	19570409	US19560619436	19561031

Priority Numbers: DE1952I005797 [19520501]; GB19520010930 [19520430]; US19560619436 [19561031]

Probable Patent Assignee: INNOCENTI SOC GEN

Assignees: INNOCENTI SOC GEN; INNOCENTI SOC GENERALE; LUIGI TORRE PIER

Non Std Assignees: INNOCENTI SOCIETA GENERALE PER L INDUSTRIA METALLURGICA E MECCANICA; INNOCENTI SOCIETA GENERALE PER L INDUSTRIA; INNOCENTI SOCIETA GENERALE PER L INDUSTRIA METALLU

Inventors: TORRE PIER LUIGI; LUIGI TORRE PIER

4. Family 6616875 (JP55010042 A2)

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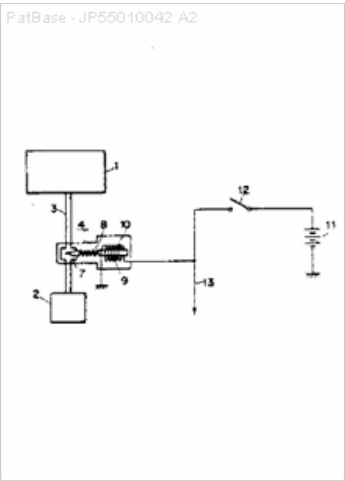
Title

[EN] FUEL CONTROLLER FOR MOTORCYCLE

Abstract

[EN] PURPOSE: To facilitate the starting of the engine of a motorcycle equipped with a carburetor below a fuel tank, by supplying sufficient fuel to the carburetor at the initial stage of the starting. CONSTITUTION: A fuel passage 3 is fitted with a fuel cock 4, which is electrically opened and closed. Fuel can thus be conducted to the carburetor 2 by turning on a main switch 12 if some fuel has remained in the fuel tank 1. Therefore, the fallen level of fuel in the float chamber of the carburetor can be restored normal. This facilitates the starting of the engine.

International Class: F02M37/00



Family Information

	Patent Number	Publication Date	Application Number	Application Date
	JP55010042 A2	19800124	JP19780082245	19780705

Priority Numbers: JP19780082245 [19780705]

Probable Patent Assignee: YAMAHA MOTOR CO LTD

Assignees: YAMAHA MOTOR CO LTD

Inventors: WATANABE KAZUMI; TAKAHASHI SUSUMU

5. Family 78353717 (CN210317550 U)

[View in PatBase](#)

Title

[EN] IMPROVED STRUCTURE OF ELECTRIC FUEL PUMP FOR MOTORCYCLE

Abstract

[EN] The utility model discloses an improved structure of an electric fuel pump for a motorcycle. The device comprises a pump sleeve, flanges and a bracket, a pump core is mounted in the pump sleeve; the pump sleeve is mounted on the bracket; the bracket is arranged on the end surface of the flange; an oil outlet, an electric connector and a pressure regulator are arranged on the flange; the oil outlet raises the pressure regulator to be communicated with the pump core in the pump sleeve; an oil filter is mounted at an oil inlet in the lower end of the pump core; the oil filter is in a disc shape. An oil level sensor is arranged on the side surface of the pump sleeve; the pump core and the oil level sensor are electrically connected with the electric connector; a rotating rod is fixedly arranged on a rotating piece of the oil level sensor; according to the electric fuel pump assembly for the motorcycle, the structure is improved, the spherical floater is adopted, the longitudinal length is effectively shortened while the size of the electric fuel pump assembly is guaranteed, the disc-shaped oil filter is adopted, the longitudinal length is effectively shortened, and therefore the fuel pump assembly is more compact in structure and more convenient and faster to install.

International Class: F02M37/00; F02M37/04; F02M37/44

Family Information

Patent Number	Publication Date	Application Number	Application Date
CN210317550 U	20200414	CN201921297580U	20190812

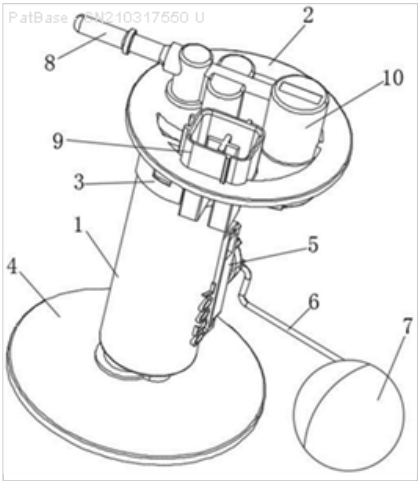
Priority Numbers: CN201921297580U [20190812]

Probable Patent Assignee: SHANGHAI YESON ELECTRIC CO LTD

Assignees: SHANGHAI YESON ELECTRIC CO LTD

Non Std Assignees: SHANGHAI YESON ELECTRIC CO; SHANGHAI YE SHENG ELECTRIC CO

Inventors: TIAN HAIRANG; WANG JIANNAN



6. Family 45061274 (CN201461169 U)

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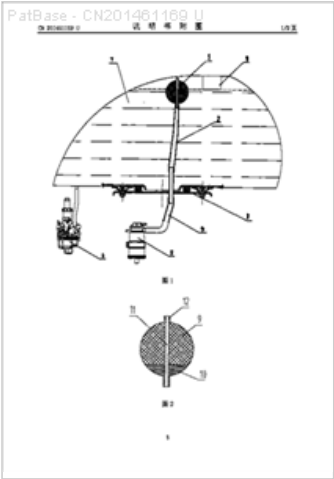
Title

[EN] Aerater for controlling evaporation of fuel oil of motorcycle

Abstract

[EN] The utility model discloses an aerater for controlling the evaporation of the fuel oil of a motorcycle. The aerater comprises a floater, a flexible air tube, a duct arranged on a sealed supporting structure, an air tube and a charcoal canister which are sequentially connected together, and the floater is provided with an air hole. Since the utility model utilizes the principle that the floater always goes up, when the motorcycle is normally used or even falls down, the fuel oil in the oil tank cannot flow into the charcoal canister to cause the failure of the aerater, thereby the evaporation of the fuel oil is controlled, and moreover, the structure is simple.

International Class: B62J35/00; F02M37/00



Family Information

Patent Number	Publication Date	Application Number	Application Date
CN201461169 U	20100512	CN200920128027U	20090714

Priority Numbers: CN200920128027U [20090714]

Probable Patent Assignee: CHINA JIALING IND CO LTD GROUP

Assignees: CHINA JIALING IND CO LTD GROUP; CHINA JIALING INDUSTRIAL CO LTD GROUP

Non Std Assignees: CHINA JIALING INDUSTRIAL CO

Inventors: LING HU

Non Std Inventors: HU LING

7. Family 70557141 (CN207647660 U)

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Title
[EN] MOTORCYCLE FUEL PUMP

Abstract
[EN] The utility model provides a motorcycle fuel pump is applied to the motorcycle, including going out font assemblage, casing assemblage, armature assemblage and oil feed seat assemblage, it is connected with the one end of casing assemblage to go out the font assemblage, the armature assemblage is connected with play font assemblage, and oil feed seat assemblage is connected to armature assemblagelower extreme, and armature assemblage and oil feed seat assemblage set up inside the casing assemblage, and oil feed seat assemblage is connected with the other end of casing assemblage, oil feed seat assemblage includes: pump chamber, pump cover and turbine are located the pump cover of bottom and locate form between the pump chamber on the pump cover and place the accommodation space of turbine, the bits of turbine adopts non -isometric to distribute, the profile of tooth of bits adopts big inclination, and the contained angle angle is 84 degrees. The utility model provides an use operatingmode within the float volume fuel oil system 1A, the noise is low, the fuel feeding ability is stable.

International Class: F02M37/08

Family Information

	Patent Number	Publication Date	Application Number	Application Date
	CN207647660 U	20180724	CN201721881975U	20171228

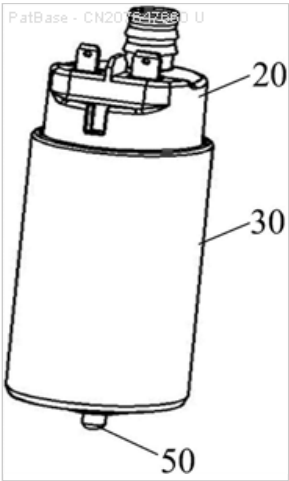
Priority Numbers: CN201721881975U [20171228]

Probable Patent Assignee: NINGBO ROCKET AUTOMOBILE PARTS CO LTD

Assignees: NINGBO ROCKET AUTOMOBILE PARTS CO LTD

Non Std Assignees: NINGBO ROCKET AUTOMOBILE PARTS CO

Inventors: SUN GAOFENG; SUN GUOQING

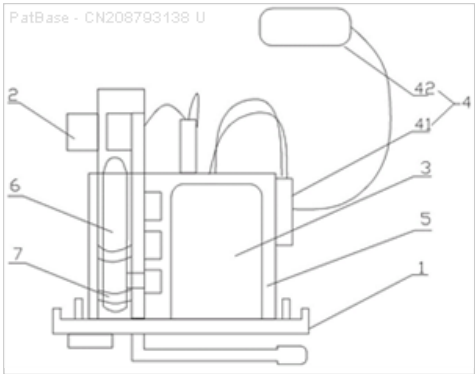


8. Family 74126426 (CN208793138 U)

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Title
[EN] MOTORCYCLE FUEL PUMP ASSEMBLY

Abstract
[EN] The utility model discloses a motorcycle fuel pump assembly, including fuel pump assembly body, its characterized in that: fuel pump assembly body sets up in the oil tank bottom, fuel pump assembly body includes flange, pressure regulating valve, oil pump, engine oil level sensor subassembly and oil pump bracket, flange seal installs in the oil tank bottom, oil pump bracket installs at the flangeinboardly, pressure regulating valve sets up the oil pump bracket upper end, the oil pump ceiling mounting is in oil pump bracket, and the oil pump bottom is equipped with the filter screen subassembly, the engine oil level sensor unit mount is in the oil pump bracket upper end, and the engine oil level sensor subassembly includes changeability resistive sensor and float pole subassembly, and changeability resistive sensor is connected with float pole subassembly. The utility model discloses rational in infrastructure, fuel utilization ratio is high.



International Class: F02M37/10; F02M37/44; G01F23/30

Family Information

Patent Number	Publication Date	Application Number	Application Date
CN208793138 U	20190426	CN201820819086U	20180530

Priority Numbers: CN201820819086U [20180530]

Probable Patent Assignee: WENZHOU TONGQING VEHICLE IND CO LTD

Assignees: WENZHOU TONGQING VEHICLE IND CO LTD

Non Std Assignees: WENZHOU TONGQING VEHICLE IND CO; WENZHOU CELEBRATION CAR CO LTD

Inventors: DAI XUFEI; ZHU JINBANG

9. Family 2509762 (JP57113953 A2)

[View in PatBase](#)

Title

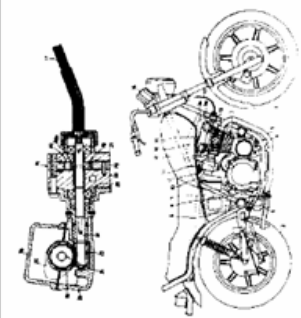
[EN] MECHANICALLY DRIVEN FUEL PUMP IN MOTORCYCLE

Abstract

[EN] PURPOSE: To secure a space for an increase in battery capacity etc. by equipping a mechanically driven fuel pump in the front of engine and interlocking and connecting the fuel pump to the crankshaft or cam shaft in the engine. CONSTITUTION: A fuel pump 15 equipped in front of cylinderhead 3a of the engine 3 is connected to the fuel tank 12 located on the engine 3 by fuel pipe 14 through fuel cock 13 which is provided at the bottom of the fuel tank 12. The fuel pump 15 is also connected to the float chamber of carburetor 11 by fuel pipe 16. The fuel pump 15 is driven mechanically by the power given from the camshaft 21 which is for driving an exhaust valve in the engine 3.

International Class: B62J37/00; F02M37/06; F04C13/00

PatBase - JP57113953 A2



Family Information

	Patent Number	Publication Date	Application Number	Application Date
	JP57113953 A2	19820715	JP19800188606	19801229

Priority Numbers: JP19800188606 [19801229]

Probable Patent Assignee: YAMAHA MOTOR CO LTD

Assignees: YAMAHA MOTOR CO LTD

Non Std Assignees: YAMAHA HATSUDOKI KK

Inventors: KIMURA HIROSHI; NAKAO YASUO; MINAMI TOSHIHARU

10. Family 6536436 (JP54151726 A2)

[View in PatBase](#)

Title
[EN] FUELLING DEVICE FOR MOTORCYCLE

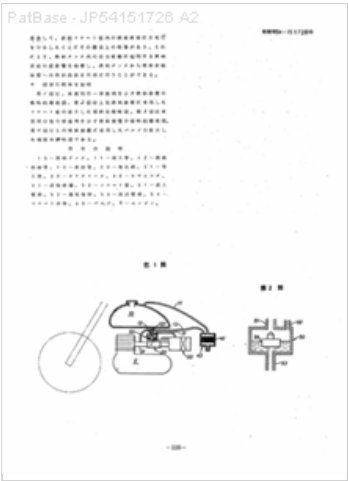
Abstract
[EN] PURPOSE: To prevent adverse effect of fuel supply due to vacuum variations in a fuel tank for supplying fuel by means of head by providing a float chamber of small capacity between the tank and a fuel supply unit. CONSTITUTION: A canister 40 communicates through tubes 11, 13 with a tank 10 and an air intake tube 21, respectively to thus adsorb evaporated fuel in the tank 10 via the canister 40 and to supply the adsorbed fuel into the tube 21. Since the vacuum in the tube 21 is transmitted through the tubes 13, 11 into the tank 10, there is provided a float chamber 50 of small capacity which incorporates a float valve 54 internally at the tube 12 and communicates at the upper space always through a tube 31 with the atmospheric pressure. When the evaporated fuel become predetermined volume in the chamber 50, this valve 54 is seated on the valve seat of an inlet tube 51 to thereby regulate the retained amount of fuel so as to thus smoothly supply fuel from the tank 10.

International Class: F02M37/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
JP54151726 A2	19791129	JP19780060394	19780519

Priority Numbers: JP19780060394 [19780519]
Probable Patent Assignee: YAMAHA MOTOR CO LTD
Assignees: YAMAHA MOTOR CO LTD
Inventors: MIYAJI SUMIO

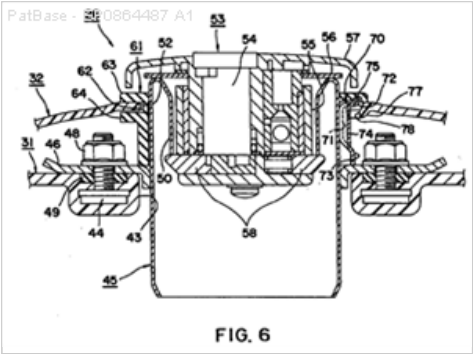


11. Family 11385457 (EP0864487 A1)

[View in PatBase](#)

Title
[EN] FUEL TANK APPARATUS FOR MOTORCYCLE

Abstract
[EN] A fuel tank apparatus for a motorcycle is generally disposed between bilateral body frames of the motorcycle, in a standing state thereof, and comprises a tank body, a tank cover formed independently from the tank body, an oil supply port formed to an upper portion of the tank body and an inlet tube provided for the oil supply port so as to project upward from an inlet tube insertion hole formed to the tank cover and closed by an inlet cap, wherein a cylindrical inlet sleeve 61 made of an elastic material is mounted to the inlet tube insertion hole 52, the inlet sleeve 61 is formed with a fitting groove 62 at an outer periphery of the inlet sleeve so as to extend in a circumferential direction thereof, the fitting groove 62 is fitted to an inner periphery of the inlet tube insertion hole 52 in a manner that an inner diameter portion of the inlet sleeve 61 is tightly inserted in an outer periphery of the inlet tube 45 so that a lower end portion of the inlet sleeve 61 abuts against an upper surface of the tank body 31, and the inlet tube 45 is provided at an outer peripheral surface thereof with a stopper member 70 mounted to the inlet tube 45 at a portion above the tank cover 32 to project in a horizontal direction.



International Class: B62J35/00; F02M37/00; B60K15/073; B60K15/73

Cooperative Patent Class: B62J35/00

Family Information

	Patent Number	Publication Date	Application Number	Application Date
	DE69800038 D1	19991216	DE19986000038T	19980312
	DE69800038 T2	20000217	DE19986000038T	19980312
	EP0864487 A1	19980916	EP19980104525	19980312
	EP0864487 B1	19991110	EP19980104525	19980312
	ES2138468 T3	20000101	ES19980104525T	19980312
	JP10250664 A2	19980922	JP19970061134	19970314
	JP3344264 B2	20021111	JP19970061134	19970314

Priority Numbers: JP19970061134 [19970314]

Probable Patent Assignee: SUZUKI MOTOR CO

Assignees: SUZUKI CO LTD; SUZUKI MOTOR CO

Non Std Assignees: SUZUKI K K HAMAMATSU; SUZUKI KK; SUZUKI KABUSHIKI KAISHA; SUZUKI MOTOR CORP

Inventors: TOKUNAGA KATSUHIKO

Designated States: DE; ES; FR; GB; IT

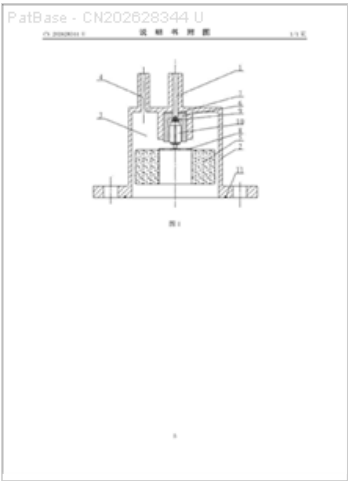
12. Family 52677848 (CN202628344 U)

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Title
[EN] EXTERNAL ELECTRIC SPRAYING OIL PUMP OF MOTORCYCLE

Abstract
[EN] The utility model discloses an external electric spraying oil pump of a motorcycle, which comprises an oil pump top cap (2) with an oil inlet (1), wherein a floating oil plug device is arranged in the cavity (3) of the oil pump top cap (2) oppositely to the oil inlet (1), and an air balance hole (4) is formed on the oil pump top cap (2) in parallel to the oil inlet (1). The external electric spraying oil pump has the advantages of skillful structural design and convenience for manufacture and installation; by adopting the external electric spraying oil pump, bubbles caused by operation of the oil pump can be eliminated, and the choke is prevented, so that fuel oil can normally reach the oil pump.

International Class: F02M37/08



Family Information

Patent Number	Publication Date	Application Number	Application Date
CN202628344 U	20121226	CN201220280302U	20120614

Priority Numbers: CN201220280302U [20120614]

Probable Patent Assignee: CHONGQING ZONGSHEN ENGINE MFG

Assignees: CHONGQING ZONGSHEN ENGINE MFG; CHONGQING ZONGSHEN ENGINE MFG CO LTD

Non Std Assignees: CHONGQING ZONGSHEN ENGINE MANUFACTURING CO LTD

Inventors: WANG BINGGUI

13. Family 3409721 (GB1489497 A)

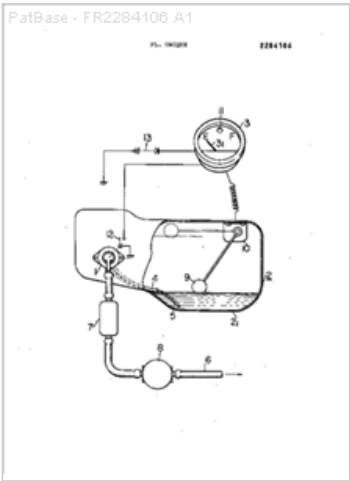
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Title
[EN] FUEL SUPPLY SYSTEM

Abstract
[EN] 1489497 Reserve fuel supply for vehicles HONDA GIKEN KOGYO KK 2 Sept 1975 [3 Sept 1974] 36110/75 Heading B7H A fuel tank 2, particularly for a motorcycle is provided with an electrically operated fuel gauge 3 and an outlet cock 1 having on, off and reserve positions. When in the on position the cock is connected to a tube 4 which terminates above the tank bottom and the float 9 and electrical unit 10 are arranged to give an empty signal at the gauge when the fuel reaches the level of this tube. The reserve position is achieved manually or automatically and the cock is then connected to a further pipe which extends to the bottom of the tank. A warning light 11 is illuminated when the cock is changed to reserve. A filter 7 and fuel pump 8 are provided in the system.

International Class: B60K15/03; B60K15/06; B62J35/00; F02M37/00; G01F23/30; G01F23/36; B60K15/00; B60K15/02; B60K35/00; B65D25/56; G01F23/10

Cooperative Patent Class: B60K15/06; B60K15/061



Family Information

	Patent Number	Publication Date	Application Number	Application Date
	FR2284106 A1	19760402	FR19750026613	19750829
	FR2284106 B1	19780407	FR19750026613	19750829
	GB1489497 A	19771019	GB19750036110	19750902
	JP51033616 U1	19760312	JP19740105698U	19740903
	JP52028020 Y2	19770625	JP19740105698U	19740903

Priority Numbers: JP19740105698U [19740903]
Probable Patent Assignee: HONDA MOTOR CO LTD
Assignees: HONDA MOTOR CO LTD
Non Std Assignees: HONDA GIKEN KOGYO KK
Inventors: MIKAMI TETUO
Non Std Inventors: TETUO MIKAMI

14. Family 28444253 (US2003074965 AA)

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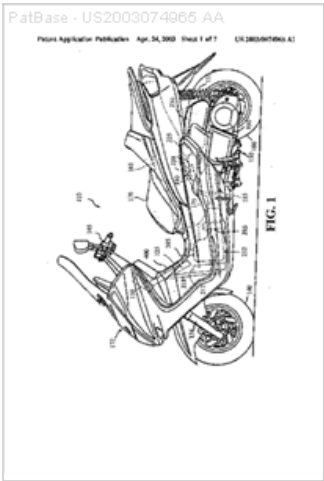
Title
[EN] FUEL LEVEL DETECTION DEVICE FOR A FUEL TANK

Abstract
[EN] A fuel level detection device detects the level of fuel in the fuel tank. The fuel level detection device comprises a body including at least one mounting station and a fuel level detection unit. The fuel level detection unit includes a base and a float mounted relative to the base so as to have varying position relative to the base depending on the level of fuel in the fuel tank. The fuel level detection unit further contains a link coupling the float to the base and a sensor producing a signal indicative of the position of the float within the fuel tank. The fuel level detection unit is capable of being disposed at more than one position on the body.

International Class: B60K15/077; B62J35/00; F02M37/00; F02M37/08; F02M37/10; F23K5/02; F23K5/14; G01F23/30; G01F23/32; G01F23/36; B62J39/00; B67D5/50; G01F23/34; G01F23/76

Cooperative Patent Class: B62J35/00; B62J37/00; F02M37/10; G01F23/36

US Class: 340/632; 73/209R; 73/305; 73/309; 73/313; 73/314; 73/317



Family Information

Patent Number	Publication Date	Application Number	Application Date
CN1209604 C	20050706	CN20021046289	20021021
CN1414352 A	20030430	CN20021046289	20021021
DE60200545 D1	20040701	DE20026000545T	20021016
DE60200545 T2	20040916	DE20026000545T	20021016
EP1304474 A1	20030423	EP20020023044	20021016
EP1304474 B1	20040526	EP20020023044	20021016
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Priority Numbers: JP20010323747 [20011022]

Probable Patent Assignee: YAMAHA HATSUDOKI KK

Assignees: YAMAHA MOTOR CO LTD

Non Std Assignees: YAMAHA HATSUDOKI K K; YAMAHA HATSUDOKI K K IWATA; YAMAHA HATSUDOKI KK; YAMAHA HATSUDOKI KABUSHIKI KAISHA; OKAMOTO YASUO; YAMAHA HATSUDOKI K USHIKI KAISHA AB; YAMAHA MOTOR CO

Inventors: YASUO OKAMOTO; OKAMOTO YASUO

Agent(s): KNOBBE MARTENS OLSON AND BEAR LLP

Designated States: DE; ES; FR; IT

15. Family 16024861 (EP1245423 A2)

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Title
[EN] FUEL TANK FOR VEHICLES

Abstract
[EN] A fuel tank comprises a main holding body (2) containing a predetermined amount of fuel, a secondary holding body (3) hydraulically connected to the main holding body (2) and adapted to be hydraulically connected to the carburator, and transfer means (8) operatively active between the main (2) and secondary (3) holding bodies to move fuel from one body to the other; the secondary holding body (3) defines a compensation chamber (3a) designed, under operating conditions, to keep an operating level (3b) of the fuel at least as high as a positioning height of the feeding and mixing device.

International Class: B60K15/077; B62J35/00; F02B61/00; F02B61/02; F02M37/00; F02M37/20

Cooperative Patent Class: B60K15/077; B62J35/00; F02B61/02; F02M37/007; F02M37/0082; F02M37/20

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Red	EP1245423 A3	20030409	EP20020425187	20020326
Green	ITMI20010686 A0	20010330	IT2001MI00686	20010330
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Priority Numbers: IT2001MI00686 [20010330]; IT2001MI00686U [20011228]

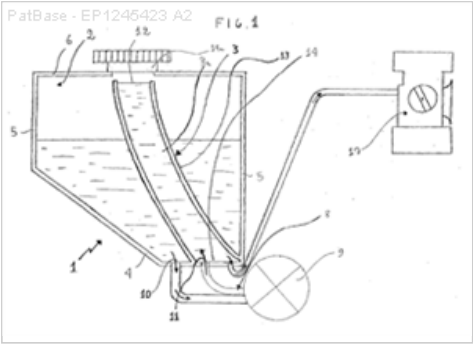
Probable Patent Assignee: VERTEMATI RACING DI G VERTEMAT

Assignees: VERTEMATI RACING DI VERTEMATI; VERTEMATI RACING DI G VERTEMAT; MAO CHEN SHOU

Non Std Assignees: VERTEMATI RACING DI VERTEMATI GUIDO S A S; VERTEMATI RACING DI VERTEMATI GUIDO SAS; VERTEMATI RACING DI G VERTEMATI

Inventors: VERTEMATI GUIDO

Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR



16. Family 45887523 (DE102009050005 A1)

[View in PatBase](#)

Title
[EN] FUEL-RESIDUAL AMOUNT DETERMINING SYSTEM FOR E.G. MOTORCYCLE, HAS FUEL PUMP ARRANGED AT FUEL TANK'S LOWER POINT AND A-COLUMN-HOLLOW SPACE RECEIVING FUEL AND INCLUDING PLASTIC SURFACE, WHICH PROTECTS METAL SURFACES AND ENSURES SEALING ABILITY

Abstract
[EN] The system has a fuel pump (4.2.2) i.e. electrical low pressure-fuel pump, arranged at a lower point of a fuel tank (4.2). A control unit controls the pump at two points. An A-column-hollow space receives fuel and includes a plastic surface, which protects metal surfaces and ensures sealing ability. The fuel passes through a low pressure-fuel line (4.3) in the hollow space. Wires are distributed in the hollow space and determine a fuel level by measuring wire resistance and electrical conductivity of medium.

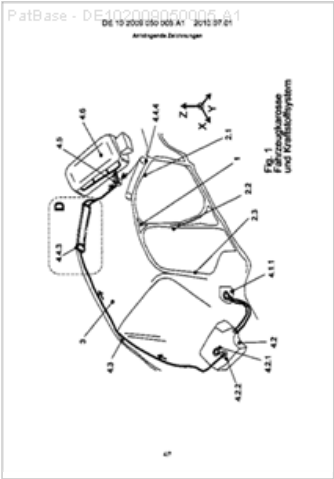
International Class: B60K15/03; B60K15/06; B60K15/077; F02M37/08; G01F23/24

Cooperative Patent Class: B60K15/01; B60K15/03177; B60K15/061; B60K15/077; B60K2015/03039; B60K2015/03125; B60K2015/03138; B60K2015/03217; B60K2015/03473; B60K2015/0637; F02M37/0047; F02M37/10; G01F23/242

Family Information

Patent Number	Publication Date	Application Number	Application Date
DE102009050005 A1	20100701	DE200910050005	20091021

Priority Numbers: DE200910050005 [20091021]
Probable Patent Assignee: GUNDLACH ALEXANDER
Assignees: GUNDLACH ALEXANDER
Inventors: GUNDLACH ALEXANDER



17. Family 2657446 (EP0070382 A1)

[View in PatBase](#)

Title

[EN] ARRANGEMENT FOR VENTING VAPOURS FROM THE FUEL TANK OF AN AUTOMOTIVE VEHICLE.

Abstract

[EN] The venting vapours of the fuel which are produced in the fuel tank of a motor cycle can influence the float needle valve of the carburettor, as a result of which when the engine is running the exhaust emission levels can be worsened. In order to avoid this, it is provided according to the invention that there branches off from a line (3) leading from the fuel tank (2) to the crankcase (1') of the engine (1) between a pressure valve (4) and the fuel tank (2) a vent line (5), which is provided with an air-bleed valve (6) and which opens into the flow of intake air between the air filter (7) and the mixture preparation system (8). When the engine is running, the air-bleed valve (6) is opened by the ignition current of the motor cycle or by underpressure, as a result of which venting vapours present in the fuel tank and at reduced pressure are sucked away by the pressure drop in the flow of intake air and introduced into the latter.

International Class: B60K15/03; B60K15/035; B60K15/077; F02M25/08; B60K15/02; B62J35/00; F02M37/20

Cooperative Patent Class: B60K15/03504

Family Information

Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: DE19813124956 [19810625]

Probable Patent Assignee: BMW AG

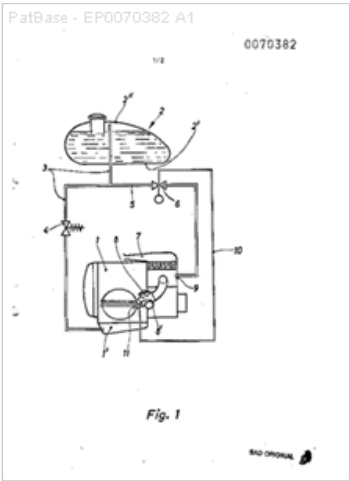
Assignees: BAYERISCHE MOTOREN WERKE AG; BMW AG

Non Std Assignees: BAYERISCHE MOTOREN WERKE AG 8000 MUENCHEN DE; BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT; BAIERITSUSHIE MOOTOOREN UERUKE AG

Inventors: HOUZVICKA MILOS KARL; HAUSER GUENTER; MIROSU KAARU HOUTSUBUITSUKA; GIYUNTAA HAUZAA

Non Std Inventors: HOUZVICKA MILOS KARL 8000 MUENCHEN DE

Designated States: AT; DE; FR; GB; IT

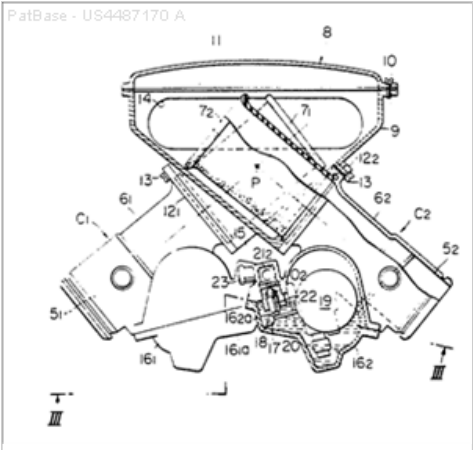


18. Family 4591663 (US4487170 A)

[View in PatBase](#)

Title
[EN] CARBURETOR DEVICE FOR V-TYPE INTERNAL COMBUSTION ENGINES

Abstract
[EN] A carburetor device for V-type internal combustion engines having first and second cylinders disposed in a form like V and first and second carburetors disposed between those cylinders and adapted to supply a gaseous mixture to the associated cylinders independently. The first and second carburetors are provided with first and second intake barrels, respectively, which adjacently intersect each other and have intake passages defined therein for communication with the corresponding first and second cylinders. The carburetors further include first and second float chambers located below a point of intersection of the intake barrels with their side surfaces partially opposed to each other. In the opposed surfaces of the float chambers are opened inlets of the fuel admission ports to which inlets are fitted the opening ends of two linearly-arranged distribution pipes of a T-type joint. The T-type joint consists of the two distribution pipes and one introduction pipe joined to the distribution pipes at right angles thereto. A common fuel pipe leading to the fuel tank is connected to the introduction pipe.



International Class: F02B75/00; F02B75/22; F02M13/00; F02M13/02; F02M37/00; F02M5/00; F02M5/12; F02B75/20

Cooperative Patent Class: F02B75/22; F02M13/021; F02M5/12

US Class: 123/184.32; 123/55VF; 123/579; 123/580; 123/59.5; 123/59PC

Family Information

Patent Number	Publication Date	Application Number	Application Date
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US4487170 A	19841211	US19820421332	19820922

Priority Numbers: JP19810203184 [19811216]

Probable Patent Assignee: HONDA MOTOR CO LTD

Assignees: HONDA MOTOR CO LTD

Non Std Assignees: HONDA GIKEN KOGYO KK; HONDA GIKEN KOGYO KABUSHIKI KAISHA; HONDA GIKEN KOGYO 8 GO 27 BAN JINGUMAE 6 CHOME SHIBUYA KU TOKYO JAPAN A CORP OF JAPAN KK

Inventors: KAWAGUCHI YOSHIYUKI

Non Std Inventors: KAWAGUCHI YOSHUKI

19. Family 40797636 (US2007203727 AA)

[View in PatBase](#)

Title

[EN] EMERGENCY SUPPLIES PRE-POSITIONING AND ACCESS CONTROL METHOD

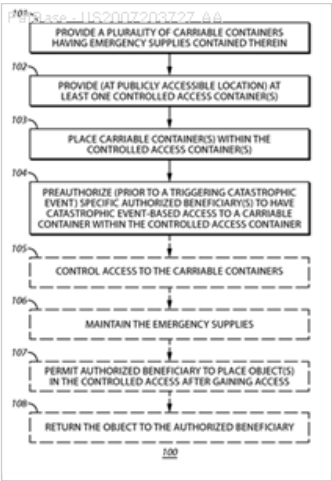
Abstract

[EN] One provides (101) a plurality of carriable containers having emergency supplies contained therein wherein each of these carriable containers is readily carriable by an average adult human. These carriable containers are then placed (103) within one or more corresponding controlled access containers as are provided at one or more publicly accessible locations (102). Prior to a triggering catastrophic event, one or more specific authorized beneficiaries are then preauthorized (104) to have catastrophic event-based access to one or more of these carriable containers. So configured, the authorized beneficiary(s) will in turn have access to the corresponding emergency supplies that are contained within the carriable container when a triggering catastrophic event occurs.

International Class: G06Q10/00; E04B1/34; B65G15/00; H04M11/04; A61B5/00; G06Q30/00; G06Q50/00; H04L9/00; A45F5/00; H04H1/00; H04H20/59; G16Z99/00; B01D46/00; A01B71/06; B62D53/00; B62D59/04; G06Q50/26; G06Q99/00; G01C21/20; G05D1/02; E02D29/00; E04B1/00; G06K7/01; G06Q90/00; E04H14/00; B65B3/04; G01T1/02; G21F3/00; G06F17/30; G06F21/00; G09B19/00; G06Q30/06; F02M37/04; E04H1/00; B60J1/00; B42D1/00; D02G3/00; G05B21/00; G06F15/173; E04H9/00; A47F1/04; B63B35/44; G06F9/46; G06F9/44; A61B17/3213; G06Q40/00; G05B19/418

Cooperative Patent Class: A45C15/00; A61B50/10; A61B50/13; A61B50/312; G06Q10/08; G06Q40/08; G06Q50/265; G06Q99/00; E04H9/14; Y02A50/00; G06Q10/00; G08B27/008; H04H20/59; H04H60/23; G06Q10/02; G06Q50/26; A47K11/026; Y02A50/30; A62B31/00; B63C9/02; G06Q10/06; G07F17/0042; G06Q10/10; G06Q30/0283; G06Q30/02; G06Q30/06; G06Q90/00; A62B99/00; H04L63/10; G06Q50/30; G06Q30/04; G06Q50/163; G06Q50/00; G16H20/00; G16H40/20; G16H40/67; G16H50/80; G16Z99/00; B01D2273/30; B01D46/0036; B01D46/62; G06Q30/00; G06Q50/10; A62B1/02; G21F3/00; G06Q30/0214; G06Q30/0217; G06Q30/0226; G06Q30/0227; G06Q30/0231; G06Q30/0233; Y04S50/12; E04H9/08; E04H9/12; F41H5/24; G06Q10/087; G06Q30/0633; E04H9/06; G07C9/257

US Class: 141/10; 180/14.1; 180/14.100P; 198/321; 224/101; 235/382.5; 235/382.500S; 250/472.1; 250/519.1; 345/85P; 379/37; 379/37P; 434/236; 434/236S; 455/3.01; 455/3.010; 52/169.6; 52/3; 52/741.1; 52/741.100S; 52/745.05; 52/745.050P; 52/79.1; 52/79.100S; 600/300; 600/300P; 701/23; 705/1; 705/1.1; 705/1.100P; 705/14.16; 705/14.160P; 705/14.19; 705/14.190S; 705/14.27; 705/14.270S; 705/14.28; 705/14.280S; 705/14.31; 705/14.310S; 705/14.33; 705/14.330S; 705/2; 705/26.8; 705/2P; 705/314; 705/314P; 705/325; 705/325S; 705/400; 705/400P; 705/5; 705/500; 705/500P; 705/52; 705/52P; 705/5P; 705/75; 705/75S; 707/802; 707/802S; 707/E17.005; 707/E17.005S; 726/2; 726/2S; 96/222; 96/222P



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Priority Numbers: US20060361247 [20060224]; US20060384037 [20060317]; US20060394350 [20060330]; US20060279333 [20060411]; US20060379929 [20060424]; US20060381265 [20060502]; US20060456472 [20060710]; US20060421694 [20060601]; US20060381247 [20060502]; US20060381257 [20060502]; US20060381277 [20060502]; US20060383022 [20060512]; US20060420594 [20060526]; US20060423594 [20060612]; US20060425043 [20060619]; US20060426231 [20060623]; US20060461605 [20060801]; US20060461624 [20060801]; US20060462795 [20060807]; US20060462845

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Probable Patent Assignee: SOVEREIGN DEED LLC

Assignees: MOORE BARRETT H; BOTOS MATTHEW J; SEIDEL GREGORY E; SOVEREIGN DEED LLC

Inventors: MOORE BARRETT H; BOTOS MATTHEW J; SEIDEL GREGORY E

Non Std Inventors: MOORE BARRETT

Agent(s): FITCH EVEN TABIN AND FLANNERY; KRATZ RUDY; KRATZ RUDY I; KRUEGER JAMES P; KRATZ RUDY I ET AL; SAMPLES KENNETH H ET AL

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; 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; 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; BH; ME; DO