

Diego Gonzalez

Search history

Search 1: STAC=(motor and rotor and stator and disk and magnet* and solenoid*) (Results 70)

Search 2: STAC=(motor and rotor and stator and disk and magnet* and solenoid* and coil) (Results 40)

Search 3: STAC=(motor and rotor and stator and disk and magnet* and solenoid* and coil and sensor) (Results 3)

Search 4: STAC=(motor and rotor and stator and disk and magnet* and coil and sensor) (Results 111)

Search 5: STAC=(motor and rotor and stator and disk and magnet* and coil and sensor and core) (Results 36)

Search 6: STAC=(motor and rotor and stator and disk and magnet* and coil and sensor and core and direct near current) (Results 10)

Title: INTEGRAL MOTOR AND CONTROL

Abstract: An energy efficient low-power integral electronically commutated fan motor and control circuit assembly mounted on a circuit board for use in refrigerators utilizing a Hall sensor to provide positional control signals for sequential energization of the windings with the Hall sensor energization being pulsed, and the motor stator windings energized only during a portion of the period, when rotational torque produced by the energization is greatest in order to reduce the power input to the assembly. Integrally molded multi-function components including the coil bobbin, ground pin, Hall sensor holder, motor bearing oil well covers, and assembly housing provide positioning, support, and securing assistance along with electrical and magnetic operative connections and positioning. A capacitively coupled bridge power supply is provided to further reduce power consumption, and the motor is protected under fault and stall conditions by a current limiting circuit and a timed retry circuit, and the rotor and stator are designed for adequate starting torque in a refrigerator. Power is supplied to the motor windings through a voltage dropping capacitor connected in series therewith.

Classifications:

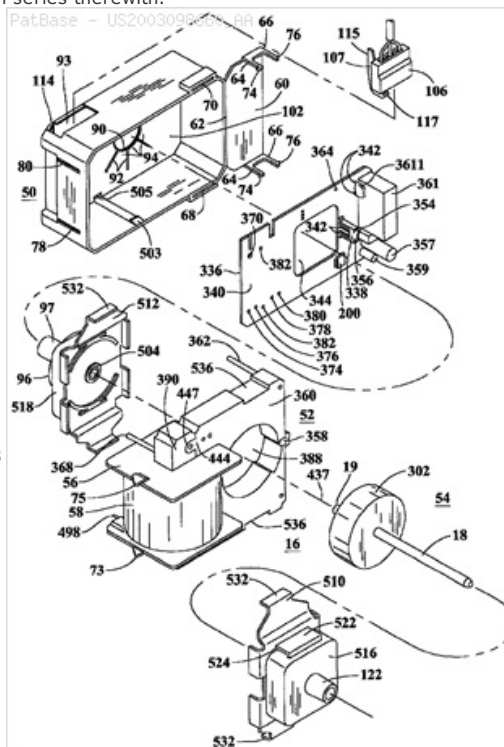
International (IPC 8-9): F25B49/02 F25D17/06 F25D29/00 H02H7/08 H02H7/085 H02K1/02 H02K1/06 H02K1/27 H02K11/00 H02K11/04 H02K15/03 H02K21/18 H02K29/00 H02K29/03 H02K29/06 H02K29/08 H02K29/14 H02K3/52 H02K5/02 H02K5/08 H02K5/167 H02K5/22 H02K7/14 H02K9/04 H02P1/44 H02P6/00 H02P6/08 H02P6/10 H02P6/12 H02P6/14 H02P6/20 (Advanced/Invention); F25B49/02 F25D17/06 H02K21/18 H02K5/22 (Advanced/Non-invention); H02H7/08 H02H7/085 H02K1/00 H02K1/06 H02K1/27 H02K11/00 H02K15/03 H02K29/00 H02K29/06 H02K29/14 H02K7/14 H02P1/16 H02P6/00 H02P6/08 H02P6/14 (Core/Invention); H02K (Subclass/Invention)

International (IPC 1-7): H02H7/08 H02H7/085 H02K1/02 H02K1/06 H02K1/27 H02K11/00 H02K15/04 H02K19/02 H02K21/12 H02K23/00 H02K29/00 H02K29/06 H02K29/08 H02K29/14 H02K5/00 H02K5/04 H02K5/04 H02K5/10 H02K5/15 H02K5/22 H02K7/14 H02K9/04 H02P1/18 H02P1/44 H02P3/08 H02P5/00 H02P5/06 H02P6/00 H02P6/02 H02P6/08 H02P6/10 H02P6/12 H02P6/14 H02P6/16 H02P6/20 H02P7/06

CPC: Y02B40/32 Y10S310/06 F25B49/022 F25D17/06 F25D29/00 F25D2400/04 H02K1/2726 H02K3/524 H02K5/02 H02K5/08 H02K5/1672 H02K5/225 H02K21/18 H02K29/03 H02K29/08 H02P6/08 H02P6/12 Y10T29/49012 Y10T29/53143 H02K1/278 H02K15/03 H02K2211/03 H02K11/33 H02K11/40

European: F25D29/00 H02K1/27B2B H02K1/27B2C5S H02K11/00H1 H02K11/00J H02K11/04C H02K15/03 H02K29/03 H02K29/08 H02K3/52A2 H02K5/02 H02K5/08 H02K5/167C H02P6/08 H02P6/12 R25B49/02B R25D17/06 R25D400/04 T02K21/18 T02K211/03 T02K5/22B Y02B40/32

US: 29/598 29/598 29/732 310/156 310/156.28 310/156.31 310/194 310/216 310/216.001 310/216.023 310/216.137 310/217 310/254 310/40.00R 310/404 310/40R 310/42 310/67.00R 310/67R 310/68 310/68.00B 310/68.00BS 310/68.00R 310/68.00RS 310/68B 310/68R 310/71 310/89 310/89S 310/90 310/DIG.6 318/138 318/254 318/400.01 318/400.1 318/400.2 318/400.21 318/400.210S 318/400.22 318/400.220P 318/400.41 318/439 318/794 318/799

**Family:**

Publication number	Publication date	Application number	Application date
AT182236 E	19990715	AT19930302596T	19930401
AU199336730 A1	19931014	AU19930036730	19930405
AU199652012 A1	19960711	AU19960052012	19960501
AU199652013 A1	19960926	AU19960052013	19960501
AU199668094 A1	19970116	AU19960068094	19961009
AU199668095 A1	19970116	AU19960068095	19961009
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AU199883017 A1	19981203	AU19980083017	19980831
AU199915496 A1	19990513	AU19990015496	19990208
AU199915497 A1	19990422	AU19990015497	19990208
AU199915498 A1	19990422	AU19990015498	19990208
AU199915499 A1	19990513	AU19990015499	19990208
AU673821 B2	19961128	AU19930036730	19930405
AU697286 B2	19981001	AU19960052013	19960501
CA2091500 AA	19931007	CA19932091500	19930311
CA2091500 C	20030708	CA19932091500	19930311
DE69325606 D1	19990819	DE19936025606	19930401
DE69325606 T2	20000309	DE19936025606T	19930401
EP0565312 A2	19931013	EP19930302596	19930401
EP0565312 A3	19951213	EP19930302596	19930401
EP0565312 B1	19990714	EP19930302596	19930401
EP0911945 A2	19990428	EP19980123632	19930401
EP0911945 A3	19990616	EP19980123632	19930401
EP0911946 A2	19990428	EP19980123633	19930401
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ES2133359 T3	19990916	ES19930302596T	19930401
IT1264786 B1	19961010	IT1993MI00685	19930406
ITMI930685 A0	19930406	IT1993MI00685	19930406
ITMI930685 A1	19931007	IT1993MI00685	19930406
NZ247337 A	19970129	NZ19930247337	19930405
NZ286471 A	19970129	NZ19930286471	19930405
NZ286472 A	19970129	NZ19930286472	19930405
US2003098660 AA	20030529	US20010874508	20010605
US5345129 A	19940906	US19930017533	19930216

US5881447 A	19990316	US19940292470	19940818
US5881448 A	19990316	US19950486765	19950607
US6271638 BA	20010807	US19960769610	19961218
US6348752 BA	20020219	US19920863900	19920406
US6414408 BA	20020702	US19950457701	19950601
US6479957 BA	20021112	US20010874498	20010605

Priority:

US19920863900 19920406	US19930017533 19930216	CA19932091500 19930311
EP19930302596 19930401	AU19930036730 19930405	NZ19930247337 19930405
US19940292470 19940818	US19950456600 19950601	US19950457701 19950601
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AU19990015498 19990208	AU19990015499 19990208	US20010874508 20010605
US20010874498 20010605		

Probable Assignee: GENERAL ELECTRIC CO

Assignee(s): (std): GEN ELECTRIC ; GENERAL ELECTRIC CO ; YODER DALE F ; TATMAN RICHARD S ; MOLNAR DAVID T ; ERDMAN DAVID M

Assignee(s): ERDMAN DAVID MARVIN ; GENERAL ELECTRIC COMPANY ; TATMAN RICHARD SCOTT ; MOLNAR DAVID THOMAS ; YODER DALE FREDERICK

Inventor(s): (std): DALE FREDERICK YODER ; DAVID MARVIN ERDMAN ; DAVID THOMAS MOLNAR ; ERDMAN DAVID M ; ERDMAN DAVID MARVIN ; MOLNAR DAVID T ; MOLNAR DAVID THOMAS ; RICHARD SCOTT TATMAN ; TATMAN RICHARD S ; TATMAN RICHARD SCOTT ; YODER DALE F ; YODER DALE FREDERICK

Inventor(s): NAME NOT GIVEN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CRAIG WILSON AND CO

Designated states: AT DE ES FR GB SE

Title: ELECTRIC MOTOR

Abstract: An electric machine including a **direct current** or an alternating **current** electric **motor** or generator and having a stator. The stator has an outer circumferential ring of equally spaced magnets. Spaced inwardly radially from the magnets is an inner circumferential ring of equally spaced magnets of opposite polarity to the first ring of magnets. A rotor including a plurality of H shaped energized electromagnetic coils is positioned in the space between the two rings of stator magnets with the rotor connected to a shaft whereby the pole pieces of the H shaped electromagnetic coils are influenced by the magnetic field of the two rings of **stator magnets**. The **direct current** machine being arranged to change the **direction** of electric **current** flow to the **coils** of the electromagnets.

Classifications:

International (IPC 8-9): H02K1/06 H02K1/14 H02K21/00 H02K21/12 H02K21/14 H02K21/18 H02K21/24 H02K3/18 H02K41/03 H02K7/14 (Advanced/Invention);

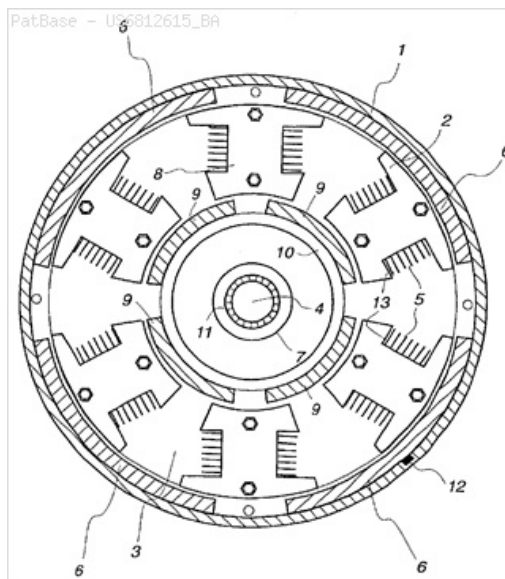
H02K1/06 H02K1/14 H02K21/00 H02K21/12 H02K21/14 H02K3/18 H02K41/03 H02K7/14 (Core/Invention)

International (IPC 1-7): H02K1/06 H02K1/14 H02K1/22 H02K21/00 H02K21/12 H02K21/18 H02K21/24 H02K29/08 H02K3/18 H02K37/16 H02K7/14

CPC: B60L3/0061 B60L7/12 B60L7/14 B60L11/005 B60L11/1803 B60L11/1805 B60L11/1877 B60L15/2009 B60L2200/12 B60L2220/44 B60L2220/50 B60L2240/12 B60L2240/421 H02K41/031 H02K7/14 H02K21/12 H02K21/14 H02K21/24 Y02T10/641 Y02T10/645 Y02T10/7005 Y02T10/7022 Y02T10/705 Y02T10/72 Y02T10/7275

European: H02K21/12 H02K21/14 H02K21/24 H02K41/03M H02K7/14

US: 310/154.25 310/237 310/266

**Family:**

Publication number	Publication date	Application number	Application date
AT262233 E	20040415	AT19990913011T	19990408
AU199923637 A1	19991028	AU19990023637	19990408
AU301098 A0	19980507	AU1998PP03010	19980416
AU750298 A0	19990107	AU1998PP07502	19981203
AU757966 B2	20030313	AU19990023637	19990408
CN1096740 C	20021218	CN19998005093	19990408
CN1301428 A	20010627	CN19998005093	19990408
DE69915604 D1	20040422	DE19996015604	19990408
DE69915604 T2	20041111	DE19996015604T	19990408
EP1072084 A1	20010131	EP19990913011	19990408
EP1072084 A4	20011017	EP19990913011	19990408
EP1072084 B1	20040317	EP19990913011	19990408
ES2217744 T3	20041101	ES19990913011T	19990408
GB2338840 A1	19991229	GB19990006590	19990322
GB2338840 B2	20030709	GB19990006590	19990322
GB9906590 A0	19990519	GB19990006590	19990322
IN214942 B	20080307	IN2000DN00307	20001101
JP2002512500 T2	20020423	JP20000545238T	19990408
US6812615 BA	20041102	US20020187632	20020702
WO9954990 A1	19991028	WO1999AU00261	19990408

Priority:

AU1998PP03010 19980416 AU1998PR03010 19980416 AU1998PP07502 19981203
AU1998PR07502 19981203 WO1999AU00261 19990408 AU19990023637 19990408

Probable Assignee: ETTRIDGE JOHN P

Assignee(s): (std): ETTRIDGE J P ; ETTRIDGE JOHN P ; ETTRIDGE JOHN P SNR ; JOHN PATRICK ETTRIDGE ; JOHN PATRICK ETTRIDGE SNR ; SNR JOHN PATRICK ETTRIDGE ; ETTRIDGE SNR JOHN PATRICK

Assignee(s): JOHN PATRICK ETTRIDGE ; ETTRIDGE JOHN PATRICK ; ETTRIDGE JOHN PATRICK SNR

Inventor(s): (std): SNR JOHN PATRICK ETTRIDGE ; ETTRIDGE SNR JOHN PATRICK ; ETTRIDGE JOHN PATRICK ; ETTRIDGE J P

Inventor(s): ETTRIDGE JOHN PATRICK SNR ; JP ETTRIDGE ; JOHN PATRICK ETTRIDGE SNR ; J P ETTRIDGE

Agent(s): COLLISON AND CO

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

Title: HIGH DEFINITION/VERY HIGH DEFINITION SCREEN TELEVISION RECEIVER SET WITH MEMORY AND MIKROTELEC TELEVISION ENVIRONMENT SYSTEM

Abstract: The invention concerns assemblies consisting of colour television receiver sets designed for world intercommunication and with multiple functions and/or other audio-visual appliances equipped with high definition and/or very high definition digital and/or analog television screen with memory combined with audio-visual appliances equipped with TVCOM wave transmitters and/or receivers and with MIKROTELEC technology television environment systems designed for UNICOM. The inventive concepts and inventions are characterised in that they also include the complex MIKROTELEC technology concerning the additions or novel creations and improvements of the inventions described by Antoine MIKRUT in the French patents n 7725774 publication 2 401 589 and n 8712986 publication 2 620 888 applicable in particular in all state-of-the-art industries and fields and used in all places of recreation, residence as well as in vehicles on land, at sea and in the air. Said inventions provides the solution to problems encountered by users, in front of their (very high definition) colour television receiver set, equipped with MIKROTELEC wave-transceivers with their pre-programmed and/or programmable software in micromodules or microcomputers with remote control functions, and also equipped with television environment multipin connections connected to the audio-visual appliances themselves provided with MIKROTELEC wave-transceivers...

Classifications:

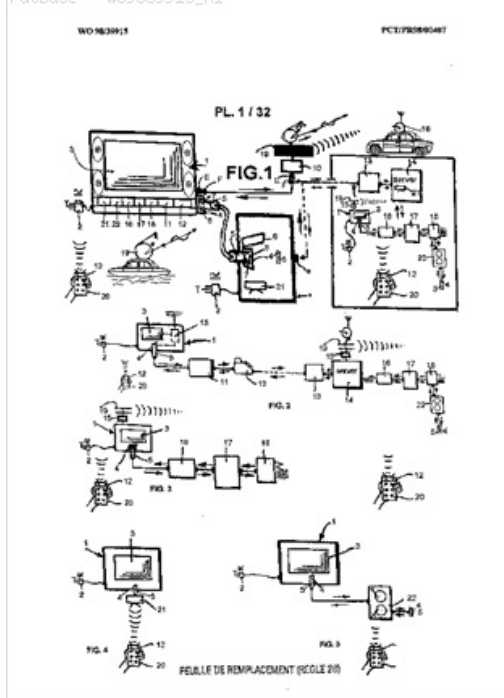
International (ipc 8-9): H04N11/18 H04N5/44 (Advanced/Invention); H04N11/18 (Advanced/Non-invention)

International (ipc 1-7): H04N5/00 H04N5/222 H04N5/44 H04N7/00 H04N9/64

CPC: H04N5/44 H04N11/18

European: H04N5/44 T04N11/18

PatBase - WO9839915_R1



Family:

Publication number	Publication date	Application number	Application date
AU199868373 A1	19980922	AU19980068373	19980302
EP1042911 A1	20001011	EP19980913809	19980302
FR2760306 A1	19980904	FR19970002484	19970303
FR2760306 B1	20030711	FR19970002484	19970303
WO9839915 A1	19980911	WO1998FR00407	19980302

Priority:

FR19970002484 19970303 WO1998FR00407 19980302

Probable Assignee: MIKRUT ANTOINE

Assignee(s): (std): MIKRUT ANTOINE

Assignee(s): ANTOINE MIKRUT

Inventor(s): (std): MIKRUT ANTOINE

Inventor(s): ANTOINE MIKRUT

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

Title: Multiple media high definition television reception system

Abstract: The system integrates every possible type of TV reception and has an antenna with selectable position and polarisation to allow use on boats aircraft and cars. The integrated remote control allows selection of the language received.

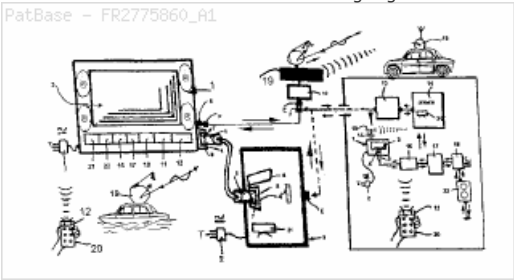
Classifications:

International (IPC 8-9): H04N5/782 H04N7/10 H04N7/14
H04N7/173 (Advanced/Invention);
H04N5/44 (Advanced/Non-invention)

International (IPC 1-7): H04N5/00

CPC: H04N5/44 H04N5/782 H04N7/10 H04N7/147 H04N7/17309

European: H04N5/782 H04N7/10 H04N7/14A3 H04N7/173B
T04N5/44



Family:

Publication number	Publication date	Application number	Application date
FR2775860 A1	19990910	FR19980002517	19980303

Priority:

FR19980002517 19980303

Probable Assignee: MIKRUT ANTOINE

Assignee(s): (std): MIKRUT ANTOINE

Inventor(s): (std): MIKRUT ANTOINE

Title: ROD ACTUATOR ACTIONNEUR DE

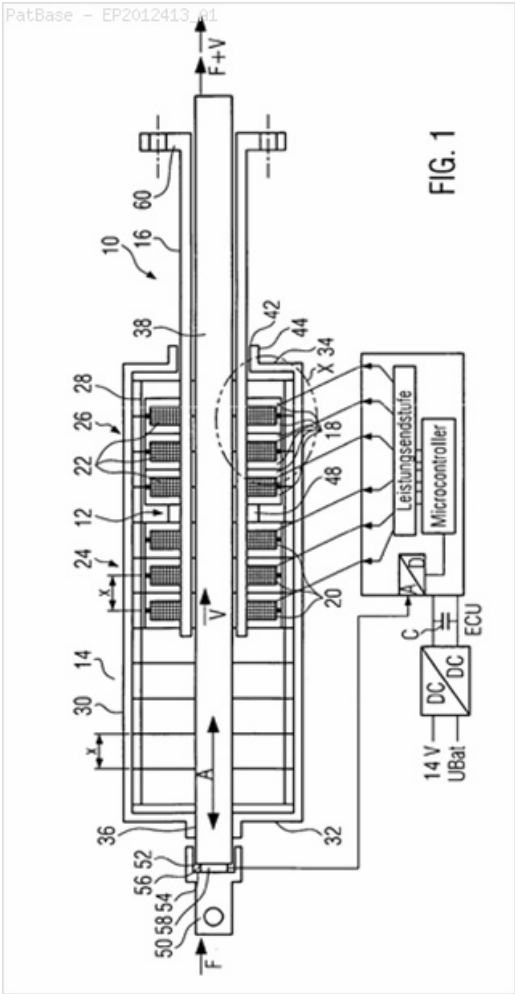
Abstract: The actuator (10) has a stator (12) for a support at a fixed part, which includes a stator coil (22) and an axle tube (16). A rotor (14) enclosing the stator comprises a rotor pipe (30). A rod (38) is arranged coaxial to the stator in an axle tube and is stored at an inner wall in a slidably movable manner. The rotor is superimposed with the rod for transfer of operating force (F), which is induced at one end, and an engine output (V) interfering the force. The rod projects out at both ends of the axle tube.

Classifications:

International (IPC 8-9): H02K41/03 (Advanced/Invention)

CPC: H02K41/03

European: H02K41/03



Family:

Publication number	Publication date	Application number	Application date
DE502007011902 D1	20130814	DE200750011902T	20070703
EP2012413 A1	20090107	EP20070013011	20070703
EP2012413 B1	20130619	EP20070013011	20070703

Priority:

EP20070013011 20070703

Probable Assignee: HOERBIGER AND CO

Assignee(s): (std): HOERBIGER AND CO

Assignee(s): HOERBIGER ANTRIEBSTECHNIK GMBH

Inventor(s): (std): FUERGUTH WERNER

Agent(s): PRINZ AND PARTNER MBB PATENTANWAELTE RECHTSANWAELTE; SCHMITZ HANS WERNER; KITZHOEFER THOMAS

Designated states: AL AT BA DE FR GB HR IT MK RS SE

Title: Brushless d.c. motor

Abstract: A brushless d.c. motor is equipped with a stator armature, which is composed of a stator yoke and at least one armature coil arranged on the stator yoke, and a 2p(p: a positive integer of 1 or more)-pole magnetic rotor facing the stator armature, rotatable relative to the stator armature and having alternating N and S poles. The motor can self-start by utilizing a cogging torque produced upon feeding a **direct current** to a position **sensor**. The stator yoke defines at such a point as permitting self-starting of the magnet rotor a cut-off portion of such a shape that ensures the self-starting of the magnet rotor and provides an ideal composite torque curve. The brushless d.c. motor enjoys easy assembly work, low manufacturing cost, compact size, good performance, good mass productivity, etc. It is suited particularly as a disk-type brushless motor or disk-type burshless fan motor.

Classifications:

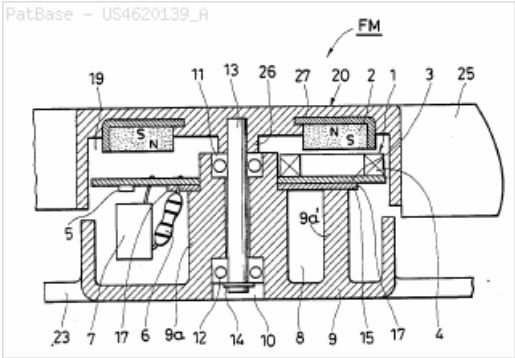
International (IPC 8-9): H02K29/08 (Advanced/Invention);
H02K29/06 (Core/Invention)

International (IPC 1-7): H02K29/08

CPC: H02K29/08

European: H02K29/08

US: 310/62 310/68R 318/138 318/254 318/400.01 318/400.09
318/400.41



Family:

Publication number	Publication date	Application number	Application date
US4620139 A	19861028	US19850757172	19850722

Priority:

US19850757172 19850722

Probable Assignee: SHICOH GIKEN KK

Assignee(s): (std): SHICOH GIKEN KK

Assignee(s): KABUSHIKI KAISHA SHICOH GIKEN ; SHICOH GIKEN KANAGAWA JAPAN KK

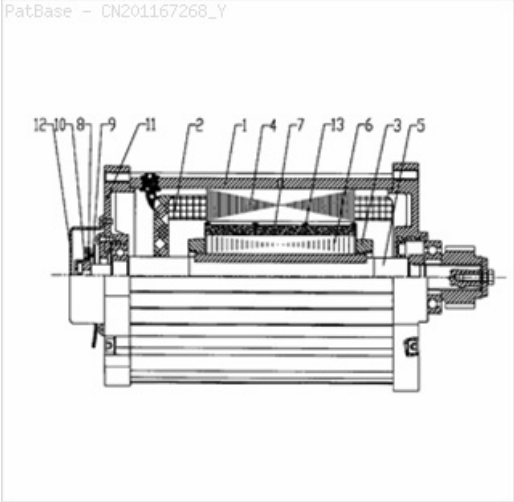
Inventor(s): (std): EGAMI KAZUHITO ; HIRANO NORIMITSU

Title: PERMANENT-MAGNET DC MOTOR

Abstract: The utility model relates to a permanent magnet direct current motor, which comprises a stator and a rotor arranged in the motor casing, a winding coil arranged on the stator iron core, a magnetic core formed by laminating disk-shaped steel sheets and arranged on the rotor rotating shaft, a rotor magnetic shoe fixed on the periphery of the magnetic core, and a position sensor element arranged on the motor and provided with sensor magnetic steel and a Hall element. The sensor magnetic steel is arranged in a magnetic steel seat, the magnetic steel seat is fixed on the motor rotating shaft extending out of the end cover, and the sensor magnetic steel and the Hall element are arranged in the cavity formed by the end cover and a dust cap. Because magnetic steel seat is fixed on the motor rotating shaft extending out of the end cover, the external interference is low, and thereby the electronic reversing signal of the motor can not be interfered by the machining precision of the rotor and the armature current. The position sensor element is only influenced by the external environmental temperature; therefore, the operation of the motor can be more stable.

Classifications:

International (IPC 8-9): H02K1/27 H02K11/00 H02K11/215
H02K29/08 (Advanced/Invention);
H02K1/27 H02K11/00 H02K29/06 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
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Priority:

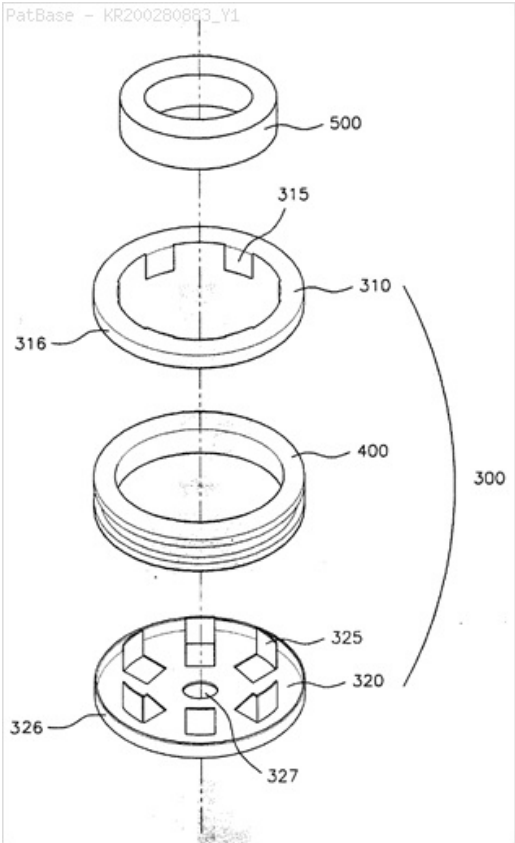
CN200820082033U 20080108

Probable Assignee:	JINDONG LI
Assignee(s): (std):	JINDONG LI
Assignee(s):	LI JINDONG
Inventor(s): (std):	JINDONG LI
Inventor(s):	LI JINDONG

Title: The les-less DC motor (Machine translation)

Abstract: Source: KR200280883Y **Machine translation:** The present design relates to the rest-less DC motor, and more particularly, as an annular inner diameter side of the plate-like core, the rotor core is uneven upper interface formed downwardly bent ?hyeong, the outer side of the cylindrical upper outer wall are downwardly bent formed as a disk-shaped upper armature iron core center axis; and a hole through which the inner side of the incision formed in the disc portion 2711, and the upper portion of the upper armature iron core, such as uneven current to form a magnetic field uneven upper circumference and the concave-convex coupling to the rotor iron core, the A-type lower irregularities formed by upwardly bent outward, the outer diameter of the rotor core is formed in the interface between the top wall and is coupled to a tubular portion of the armature to form a cylindrical outer wall having a lower cylindrical lower outer wall is the bottom of the armature and the armature, and a cylindrical rotor core uneven lower interface to be inserted between the lower outer wall of the annular winding the armature coil; the uneven upper and lower annular interpolated in the field on the stator core, the magnet core, such as uneven number of upper and lower is the field rotor; the lower portion is formed a cathode formed on one side of the armature disc rotor, generating an electrical signal by sensing the polarity of the Hall sensor Hall sensor that detects a; in accordance with the polarity of the rotor determines the current direction of the armature coil The control circuit is characterized in that it is configured to; (Les Les relates to a direct current motor. Reflecting mirror, a warning indicator, hall sensor, rotor, the armature iron core

Classifications:
International (IPC 8-9): H02K29/00 (Advanced/Non-invention)
International (IPC 1-7): H02K29/00



Family:

Publication number	Publication date	Application number	Application date
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Priority:
KR20020011648U 20020417

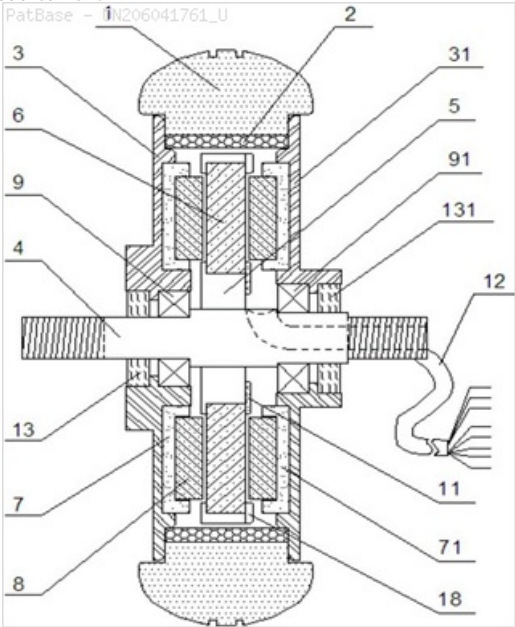
Probable Assignee: YANG MAIN QUEUE LIGHT
Assignee(s): YANG MAIN QUEUE LIGHT

Title: DISK DOES NOT HAVE IRON CORE DIRECT CURRENT MOTOR DRIVEN STEAMBOAT FOOTPATH SOLID TYRE INTEGRAL TYPE MOTOR

Abstract: The utility model discloses a disk does not have iron core direct current motor driven steamboat footpath solid tyre integral type motor, epaxial cover in proper order has first bearing, stator disk and second bearing in, including the axis, on first bearing and the second bearing respectively the cover have the first rotor dish and the second rotor dish, the first rotor dish is connected through wheel hub with the the second rotor dish, the last solid tyre that installs of wheel hub, the permanent magnet is installed to inboard that the first rotor dish and the second rotor coiled, stator disk is last to be equipped with the pear -shaped hole who is used for installing the coil of the annular distribution of a plurality of, the coil passes through stop device to be fixed in pear -shaped hole, still include three hall sensor, an annular circuit board and be used for electric power and signal transmission's cable harness. The utility model has the advantages of simple structure, reliable, small, the light in weight of operation, efficient, speed adjusting performance good outward, still owing to adopted no iron core structure, the very little and anhysteretic resistance of no -load current.

Classifications:

International (IPC 8-9): H02K11/215 H02K11/30 H02K21/24 H02K3/22 H02K5/16 (Advanced/Invention)



Family:

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CN206041761 U	20170322	CN201620985680U	20160829

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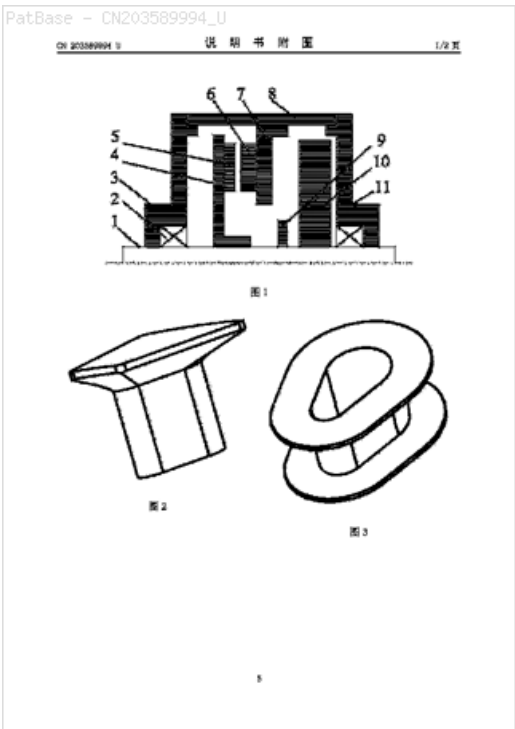
Probable Assignee: SUI HUAXING
Assignee(s): (std): SUI HUAXING
Assignee(s): SUIHUAXING
Inventor(s): (std): GAO BO ; GAO FENG ; SUI HUAXING ; SUI ZHONGXING

Title: AXIAL MAGNETIC FIELD PERMANENT MAGNET BRUSHLESS DC MOTOR

Abstract: The utility model discloses an axial magnetic field permanent magnet brushless DC motor, which comprises a rotating shaft, a bearing, a front end cover, a rear end cover, a casing, a rotor disc, a permanent magnet, a stator, a fixing ring, a sensor magnetic ring and a control circuit board. A stator iron core is formed by combining a silicon steel sheet and a soft magnetic composite material. The axial magnetic field permanent magnet brushless DC motor not only can give play to the advantage that an armature iron core motor saves materials, but also has the advantages of simple iron core processing technology, simple winding and high winding density.

Classifications:

International (IPC 8-9): H02K1/14 H02K29/08 (Advanced/Invention)



Family:

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Probable Assignee: UNIV HUAZHONG SCIENCE TECH

Assignee(s): (std): HUAZHONG UNIV OF SCIENCE AND TECHNOLOGY ; UNIV HUAZHONG SCIENCE TECH

Inventor(s): (std): YANG KAI ; ZHANG HAO