

Diego Cardenas

Search history

Search 1: TAC=(Valve AND rotary AND (shutoff OR cutoff) AND (block* member)) and PD<20130107 and CC=(FR) and IC=(F16K) (Results 1)

Search 2: TAC=((shutoff OR cutoff) AND Valve AND rotary AND (block* member)) and PD<20130107 and CC=(FR) and IC=(F16K) (Results 1)

Search 3: FT=((shutoff OR cutoff) AND Valve AND rotary AND (block* member)) and PD<20130107 and CC=(FR) and IC=(F16K) (Results 3)

Search 4: FT=((shutoff OR cutoff) AND Valve AND rotary AND (block* member)) and PD<20130107 and CC=(FR) and IC=(F16K) (Results 3)

Search 5: FT=((shutoff OR cutoff) AND Valve AND rotary AND (block* member)) and PD<20130107 and IC=(F16K) (Results 29)

Search 6: FT=((shut* OR cut* OR check*) AND Valve AND rotary AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 15)

Search 7: FT=((shut* OR cut* OR check*) AND (valve OR fit*) AND rotary AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 16)

Search 8: TAC=((shut* OR cut* OR check*) AND (Valve OR Fit*) AND rotary AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 2)

Search 9: FT=((shut* OR cut* OR check*) AND (valve OR fit*) AND (rotary AND bear) AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 2)

Search 10: FT=((shut* OR cut* OR check*) AND (valve OR fit*) AND (rotary OR rotat* AND bear*) AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 28)

Search 11: FT=((rota* AND Valve)) and PD<20130107 and IC=(F16K) (Results 81625)

Search 12: TAC=((rotat* OR rotary) valve) and PD<20130107 and IC=(F16K) (Results 59345)

Search 13: FT=((shut* OR cut* OR check*) AND Valve* AND rotary AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 16)

Search 14: FT=((shut* OR cut* OR check*) AND Valve* AND (rotar* OR rotat*) AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 46)

Search 15: TAC=((shut* OR cut* OR check*) AND Valve* AND (rotar* OR rotat*) AND (block* member) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 7)

Search 16: FT=((shut* OR cut* OR check*) AND Valve AND rotary AND (sphere OR butterfly) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 344)

Search 17: FT=((shut* OR cut* OR check*) AND Valve AND rotary AND block* AND (sphere OR butterfly) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 157)

Search 18: TAC=((shut* OR cut* OR check*) AND Valve AND rotary AND block* AND (sphere OR butterfly) AND (journal OR pivot OR stump) AND (immobil* OR seal*)) and PD<20130107 and IC=(F16K) (Results 6)

Title: Improvements in or relating to **butterfly valves**

Abstract: Source: GB942795A 942,795. **Valves**. UNITED KINGDOM ATOMIC ENERGY AUTHORITY. May 26, 1960 [June 2, 1959], No. 18777/59. Heading F2V. In a **butterfly valve** the disc and the seat are relatively movable towards and away from each other and the actuating mechanism includes a linearly displaceable member which extends out of the **valve** body. In the first embodiment the closure member 1 which cooperates with a seat 3, Fig. 2, is carried by a pair of trunnions 2, each of which is carried by a **block** 5 displaceable in a slot 6 in the **valve** body 4. The slot 6 is lined with a porous bearing material impregnated with polytetrafluoroethylene. Each **block** 5 is connected to a shaft 8 which is keyed to a screwed bush 15 and extends into an external guide 10. A metallic **sealing** bellows 19 is welded to the shaft 8 and to the bush 15. Each shaft 8 has a pair of trunnions received in enlarged holes in spaced levers 20, Fig. 1, which are connected by a cross-bar 22 to a screwed shaft 23 connected to a hand wheel 24. Two springs 36 extend from the closure member to a T-sectioned bracket 33 located within the body 4 and carrying a roller 34. A stop 38 defines the seating position of the closure member. In operation, the **valve** is opened by rotation of the hand wheel 24 to effect linear displacement of the shafts 8 and **block** 5 via the shaft 23 and levers 20 to withdraw the closure member 1 from the seat 3. When the closure member 1 meets the roller 34 it is **pivoted** to the open position. Re-closing is effected by reverse rotation of the hand wheel, the member 1 being **pivoted** by the springs 36 before being seated. A duct 39 extends from the seat to a screwed connection 40 to allow of gas sampling as a **check** for leakage. In the second example, Fig. 9, the **valve** seat 42 of polytetrafluoroethylene is carried by a housing 44 slidable axially within the **valve** body 47, 48. Three equispaced lugs 45 on the housing 44 project through slots 46 in the body part 48 to receive rods 74 of hydraulic jacks, the pistons of which are loaded by springs 78. The seat housing 44 is **sealed** by two bellows 80 and a sampling duct 81 is again provided. The closure member 41 is **pivoted** to a bracket 51 carried by a sleeve 50 within the body part 47. A hinged link 53 is **pivoted** at one end to a lug 54 on the **valve** member 41 and is rigidly attached at the other end to a pin 55, one end of which extends through the **valve** body into an actuating mechanism housing 57, Fig. 10, where it is attached to a link 58 connected by a link 66 to a linearly movable screwed actuating member 61 which extends through a **sealing** bellows 72. In operation, to open the **valve**, the **valve** seat is withdrawn from the member 41 by actuation of the jacks 73 to move the housing 44. The actuating mechanism 59 is then operated to **pivot** the **valve** member. **Valve** closure is effected in the reverse sequence.

Classifications:

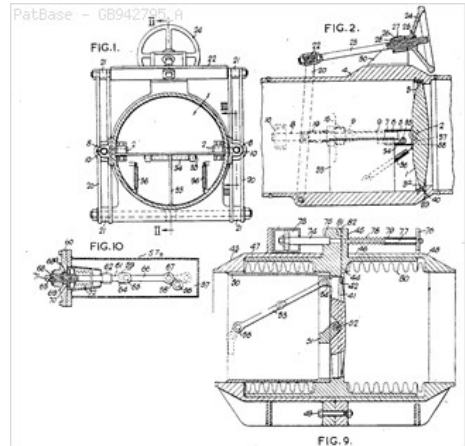
International (IPC 8-9): F16K1/24 (Advanced/Invention);

F16K1/00 (Core/Invention)

International (IPC 1-7): F16K1/22

CPC: F16K1/24

European: F16K1/24



Family:

Publication number	Publication date	Application number	Application date
GB942795 A	19631127	GB19590018777	19590602

Priority:

GB19590018777 19590602

Probable Assignee: ATOMIC ENERGY AUTHORITY UK

Assignee(s): (std): ATOMIC ENERGY AUTHORITY UK

Assignee(s): UNITED KINGDOM ATOMIC ENERGY AUTHORITY

Inventor(s): (std): BRANDRAM ANDREW JOHN ; HINDMARCH GEORGE CHRISTIE ; KING FRANK ALEXANDER

Title: Wet jigging machine for dressing coal or other minerals

Abstract: Source: US4485010A A wet jigging mechanism for handling coal or other minerals including a mineral containing tank, a pulsed air chamber opening downwardly into the tank, a compressed air source with a conduit and a vent conduit with **valves** in the conduit, the **valves** including pivotal **butterfly valves** on a shaft with a swing flap operator operated by the compressed air to move the **butterfly valve** and the swing wing engaging a variable positioned rubber stop damper at the open position of the **butterfly valve**, and a rubber seat for the **butterfly valve** in closed position acting as a damper.

Classifications:

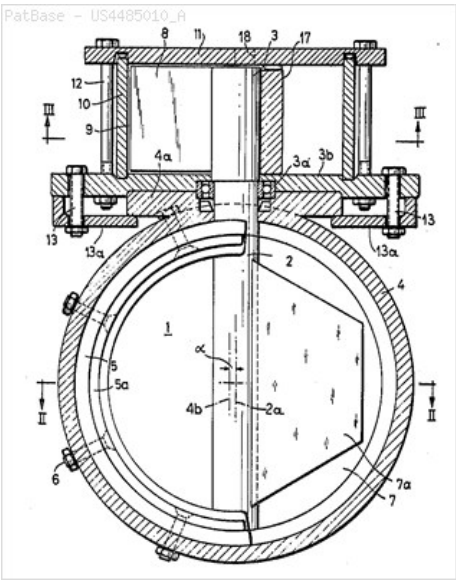
International (IPC 8-9): B03B5/24 F16K1/22 (Advanced/Invention);
B03B5/00 F16K1/22 (Core/Invention)

International (IPC 1-7): B03B5/02 B03B5/20 B03B5/24 B03B5/68 F16K1/22

CPC: B03B5/24 F16K1/221

European: B03B5/24 F16K1/22B

US: 209/500 209/502 251/59



Family:

Publication number	Publication date	Application number	Application date
AU198291010 A1	19830630	AU19820091010	19821130
DE3150999 A1	19830630	DE19813150999	19811223
DE3150999 C2	19850620	DE19813150999	19811223
GB2112671 A1	19830727	GB19820036398	19821222
GB2112671 B2	19860326	GB19820036398	19821222
US4485010 A	19841127	US19820451966	19821221
ZA8208137 A	19830928	ZA19820008137	19821105

Priority:

DE19813150999 19811223

Probable Assignee: KLOECKNER HUMBOLDT DEUTZ AG

Assignee(s): (std): KLOECKNER HUMBOLDT DEUTZ AG

Assignee(s): KLOECKNER HUMBOLDT DEUTZ AG 5000 KOELN DE ; KLOCKNER HUMBOLDT DEUTZ A G ; KLOCKNER HUMBOLDT DEUTZ AG

Inventor(s): (std): HEINTGES SIEGFRIED ; HEINTGES SIEGFRIED DIPL ING ; SIEGFRIED HEINTGES ; STRAUSS WERNER ; WERNER STRAUSS

Inventor(s): STRAUSS WERNER 4630 BOCHUM DE ; HEINTGES SIEGFRIED DIPL ING 4358 HALTERN DE

Title: **Shut-off** device for pipes

Abstract: Source: US4770392A PCT No. PCT/DE86/00216 Sec. 371 Date Jan. 30, 1987 Sec. 102(e) Date Jan. 30, 1987 PCT Filed May 27, 1986 PCT Pub. No. WO86/07122 PCT Pub. Date Dec. 4, 1986. For a **shut-off** device comprising a tubular housing to be built into a pipe and a **rotary valve** for which a driving shaft penetrating the housing and a seat in the housing are provided, a ring wheel (4) with movable bearings (9) being disposed on the driving shaft (10) and the **valve** flap (3) being guided in the ring wheel (4) and connected with the driving shaft by a gearing (22, 23) which locks when the **valve** flap (3) swivels in and serves to press the **valve** flap (3) onto its seat (32), the invention provides for the following: when the driving shaft (10) is rotated back, the gearing (22, 23) lifts the **valve** flap (3) axially off the seat (32) until the **valve** flap (3) is supported on the ring wheel (4), and the gearing (22, 23) constitutes the connection between the **valve** flap (3) and the driving shaft, the **valve** flap (3) being supported on the ring wheel (4).

Classifications:

International (IPC 8-9): F16K1/22 F16K1/24 (Advanced/Invention);

F16K1/00 F16K1/22 (Core/Invention);

F16K (Subclass/Invention)

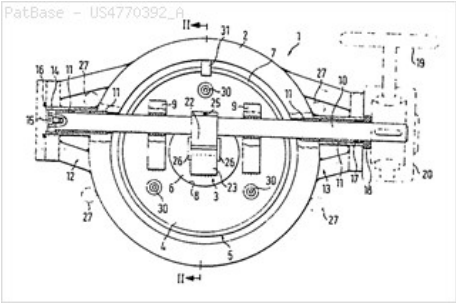
International (IPC 1-7): F16K1/22 F16K1/226 F16K1/24 F16K25/00 F16K31/524

F16K31/53 F16K39/02 F16K39/2 F16L55/10

CPC: F16K1/221 F16K1/24

European: F16K1/22B F16K1/24

US: 251/158 251/177 251/215 251/227 251/229 251/250 251/251 251/263 251/303 251/308



Family:

Publication number	Publication date	Application number	Application date
AT61460 E	19910315	AT19860903221T	19860527
DE3504608 A1	19860821	DE19853504608	19850211
DE3504608 C2	19890511	DE19853504608	19850211
DE3519375 A1	19861204	DE19853519375	19850530
DE3519375 C2	19910508	DE19853519375	19850530
DE3535637 A1	19870416	DE19853535637	19851005
DE3677908 D1	19910411	DE19863677908	19860527
EP0224516 A1	19870610	EP19860903221	19860527
EP0224516 B1	19910306	EP19860903221	19860527
EP0320490 A2	19890614	EP19890100269	19860527
EP0320490 A3	19910828	EP19890100269	19860527
EP0320491 A2	19890614	EP19890100271	19860527
EP0320491 A3	19911227	EP19890100271	19860527
ES555453 A1	19870416	ES19860555453	19860529
ES8705100 A1	19870701	ES19860555453	19860529
FI870381 A	19870129	FI19870000381	19870129
FI870381 A0	19870129	FI19870000381	19870129
JP62503048 T2	19871203	JP19860503160	19860527
US4770392 A	19880913	US19870023551	19870130
WO8607122 A1	19861204	WO1986DE00216	19860527
ZA8604050 A	19870128	ZA19860004050	19860905

Priority:

DE19853504608 19850211	DE19853519375 19850530	WO1986DE00216 19860527
DE19853534670 19850928	DE19853535637 19851005	DE19863606509 19860228
EP19860903221 19860527	DE19863677908 19860527	

Probable Assignee: SCHMIDT FRITZ

Assignee(s): (std): SCHMIDT FRITZ

Assignee(s): SCHMIDT FRITZ 4270 DORSTEN DE ; FRITZ SCHMIDT

Inventor(s): (std): SCHMIDT FRITZ

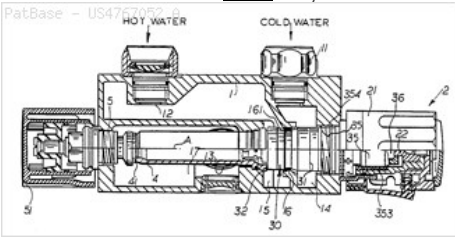
Inventor(s): SCHMIDT FRITZ 4270 DORSTEN DE ; FRITZ SCHMIDT

Designated states: AT BE CH DE FI FR GB IT JP LI LU NL SE US

Title: Thermostatically self-regulating mixing **valve**

Abstract: Source: US4767052A A self-regulating mixing **valve** has a main housing having hot- and cold-water inlets, compartments, and **valve** seats. A **valve** body is displaceable axially in the housing between one end position engaging the hot-water seat and an opposite end position engaging the cold-water seat, **blocking** flow from the cold-water inlet compartment to the outlet compartment, and out of engagement with the hot-water seat and permitting flow from the hot-water inlet compartment to the outlet compartment. On moving between these end positions the **valve** body passes through intermediate positions permitting flow from both inlet compartments past the respective seats into the outlet compartment. A fitting body fixed in the housing and defining a wall of the outlet compartment is formed with a throughgoing hole opening into the outlet compartment. A thermostat in the outlet compartment is fixed with the **valve** body to a tubular stem engaged through and limitedly axially movable in the hole of the fitting body. A **seal** ring engages around the stem to **seal** the hole and a spring is braced between the housing and the stem outside the outlet compartment to pull the thermostat and **valve** body into solid engagement with the fitting body. A temperature-selecting mechanism engages via the stem with the thermostat and operatively engages via the thermostat with the **valve** body.

Classifications:
International (IPC 8-9): F16K11/00 G05D23/13 (Advanced/Invention); F16K11/00 (Core/Invention)
International (IPC 1-7): F16K11/0 F16K11/06 F16K11/065 G03D23/13 G05D11/16 G05D23/13
CPC: G05D23/1346
European: G05D23/13B4D2
US: 236/12.22



Family:

Publication number	Publication date	Application number	Application date
DE3612988 A1	19871029	DE19863612988	19860417
DE3779798 D1	19920723	DE19873779798	19870404
DE3786690 D1	19930902	DE19873786690	19870404
DK168239 B1	19940228	DK19870001956	19870415
DK168239 C	19940228	DK19870001956	19870415
DK172594 B1	19990208	DK19870001889	19870413
DK188987 A	19871018	DK19870001889	19870413
DK188987 A0	19870413	DK19870001889	19870413
DK195687 A	19871018	DK19870001956	19870415
DK195687 A0	19870415	DK19870001956	19870415
EP0242675 A2	19871028	EP19870105002	19870404
EP0242675 A3	19890927	EP19870105002	19870404
EP0242675 B1	19920617	EP19870105002	19870404
EP0242680 A2	19871028	EP19870105020	19870404
EP0242680 A3	19890913	EP19870105020	19870404
EP0242680 B1	19930728	EP19870105020	19870404
ES2033252 T3	19930316	ES19870105002T	19870404
ES2043616 T3	19940101	ES19870105020T	19870404
US4767052 A	19880830	US19870040177	19870417

Priority:
DE19863612988 19860417 DE19873779798 19870404 DE19873786690 19870404

Probable Assignee: FRIEDRICH GROHE AND CO AG KG

Assignee(s): (std): GROHE ARMATUREN FRIEDRICH

Assignee(s): FRIEDRICH GROHE ARMATURENFABRIK GMBH ; FRIEDRICH GROHE ARMATURENFABRIK GMBH AND CO ; GROHE ARMATURENFABRIK GMBH AND CO FRIEDRICH ; FRIEDRICH GROHE ARMATURENFABRIK GMBH AND CO A (WES ; FRIEDRICH GROHE ARMATURENFABRIK GMBH AND CO A WEST ; FRIEDRICH GROHE AG ; FRIEDRICH GROHE AG 58675 HEMER DE ; FRIEDRICH GROHE AG 5870 HEMER DE ; FRIEDRICH GROHE AG AND CO KG ; FRIEDRICH GROHE AKTIENGESELLSCHAFT ; FRIEDRICH GROHE AND CO AG KG

Inventor(s): (std): STOLLE EBERHARD ; RYSZARD KOSTORZ JAN ; KOSTORZ JAN RYSZARD ; EBERHARD STOLLE ; KAHLE DIETER ; DIETER KAHLE ; KOSTORZ JAN R

Inventor(s): KOSTORZ JAN RYSZARD W 5750 MENDEN 2 DE ; STOLLE EBERHARD W 5800 HAGEN 5 DE ; KAHLE DIETER W 5860 ISERLOHN DE

Designated states: DE ES FR GB NL SE

Title: Rotary feeder for bulk material or liquids

Abstract: Source: US5405061A A rotary feeder for bulk material or liquids includes a generally hollow cylindrical housing with a housing inlet and a radially opposing housing outlet. Rotatably supported in a sealing manner within the housing is a generally cylindrical rotor which includes at least one eccentric passageway extending in a radial plane between an inlet port and an outlet port and alternately connectable with the housing inlet and the housing outlet.

Classifications:

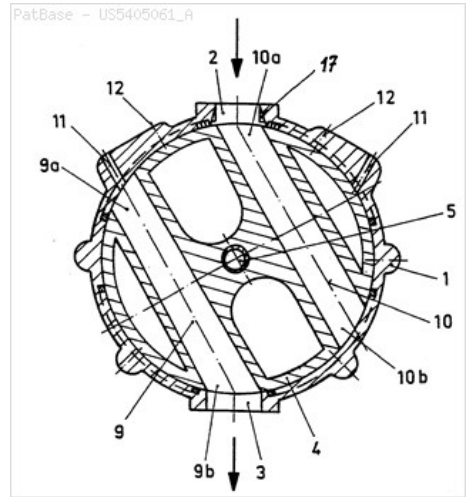
International (IPC 8-9): F16K5/04 G01F11/22 G01F11/24 (Advanced/Invention); F16K5/00 G01F11/10 (Core/Invention); B65G (Subclass/Invention)

International (IPC 1-7): A01C15/04 B65G B65G53/46 B67D5/00 F16K3/00 F16K5/04 G01F11/10 G01F11/22 G01F11/24

CPC: G01F11/22 G01F11/24

European: G01F11/22 G01F11/24

US: 222/362 222/636



Family:

Publication number	Publication date	Application number	Application date
AT403033 B	19971027	AT19930000731	19930413
AT73193 A	19970315	AT19930000731	19930413
BE1006050 AF	19940426	BE19930000468	19930506
CH686951 A	19960815	CH19930001102	19930413
DE4214441 C1	19931209	DE19924214441	19920506
DK45293 A	19931107	DK19930000452	19930421
DK45293 A0	19930421	DK19930000452	19930421
ES2068758 AB	19950416	ES19930000952	19930505
ES2068758 AC	19971101	ES19930000952	19930505
ES2068758 BA	19980501	ES19930000952	19930505
FR2690908 A1	19931112	FR19930005362	19930505
FR2690908 B1	19950217	FR19930005362	19930505
GB2266703 A1	19931110	GB19930008799	19930428
GB2266703 B2	19950531	GB19930008799	19930428
GB9308799 A0	19930609	GB19930008799	19930428
IT1272406 B	19970623	IT1993MI00892	19930505
ITMI930892 A0	19930505	IT1993MI00892	19930505
ITMI930892 A1	19931107	IT1993MI00892	19930505
JP6034057 A2	19940208	JP19930101408	19930427
NL9300746 A	19931201	NL19930000746	19930504
SE505811 C2	19971013	SE19930001537	19930505
SE9301537 A	19931107	SE19930001537D	19930505
SE9301537 A0	19930505	SE19930001537	19930505
SE9301537 L	19931107	SE19930001537	19930505
US5405061 A	19950411	US19930059439	19930504
ZA9303166 A	19931207	ZA19930003166	19930505

Priority:

DE19924214441 19920506

Probable Assignee: WAESCHLE GMBH

Assignee(s): (std): WAESCHLE MASCHF GMBH ; WAESCHLE MASCHINENFABRIK GMBH ; WAESHCL E MASCHF GMBH ; WAESCHLE MASCHINENFABRIK GMBH TE RAVENSBURG BONDSR ; WAESHCL E MASCHINENFABRIK GMBH

Assignee(s): WAESCHLE MASCHINENFABRIK GMBH TE RAVENSBURG BONDSREPUBLIC DUITSLAND ; WAESCHLE MASCHINENFABRIK GMBH 7980 RAVENSBURG DE ; WAESCHLE GMBH ; WAESCHLE MAS FAB GMBH ; WAESCHLE MASCH

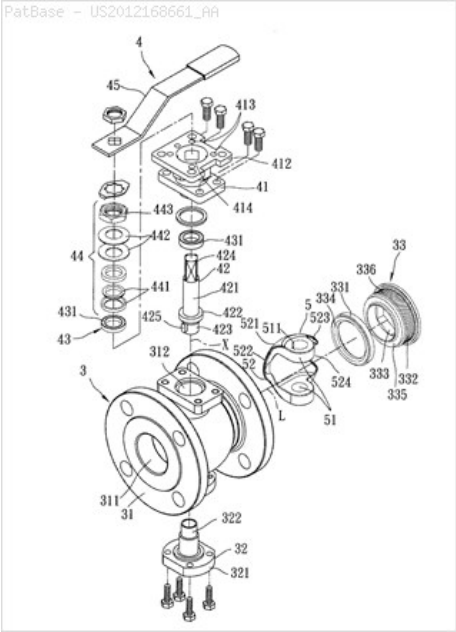
Inventor(s): (std): KUGLER HARALD ; KUEGLER HARALD ; HARALD KUEGLER ; HARALD KUGLER ; HARARUTO KIYUGURAA

Inventor(s): KUEGLER HARALD 6145 LINDENFELS DE

Title: BALL SEGMENT VALVE

Abstract: Source: US2012168661A A ball segment valve for controlling fluid flow in a piping, includes a valve housing with a valve seat disposed therein, a tubular bearing body fitted to an upper axial opening of the valve housing, a rotating spindle inserted through the bearing body into the valve housing, a tightening sleeve unit sleeved on the spindle to ensure full engagement of the spindle with the bearing body, a journal member inserted through a lower axial opening into the valve housing, and a valve body having upper and lower lugs coaxially fitted to the spindle and the journal member, and a spherical segment having a convex outer spherical surface and rotated with the spindle between a fully closed position, where the spherical surface is in sealing contact with the valve seat, and a fully opened position to permit a full fluid communication of the valve housing.

Classifications:
International (IPC 8-9): F16K3/22 F16K5/06 (Advanced/Invention)
CPC: F16K5/0605 F16K5/12
European: F16K5/06B F16K5/12
US: 251/214 251/315.08 251/315.14 251/315.16 251/315.160P



Family:

Publication number	Publication date	Application number	Application date
TW201226751 A	20120701	TW20100146565	20101229
TWI384148 B	20130201	TW20100146565	20101229
US2012168661 AA	20120705	US20110104242	20110510
US8398055 BB	20130319	US20110104242	20110510

Priority:
TW20100146565 20101229

Probable Assignee: J FLOW CONTROLS LLC

Assignee(s): (std): YIN CHIH CHIEN ; ZIPSON STEEL IND CO LTD ; FLOW CONTROLS LLC J

Assignee(s): J FLOW CONTROLS LLC ; ZIPSON STEEL INDUSTRIAL CO ; ZIPSON STEEL INDUSTRIAL CO LTD

Inventor(s): (std): YIN CHIH CHIEN ; YIN ZHI JIAN

Agent(s): FAEGRE BAKER DANIELS LLP