



(51) International Patent Classification:
F16K 1/12 (2006.01)

(21) International Application Number:

PCT/EP2011/006144

(22) International Filing Date:

7 December 2011 (07.12.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10015371.7 7 December 2010 (07.12.2010) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,

[Continued on next page]

(54) Title: IMPROVEMENTS IN BALANCING AND CONTROL VALVES

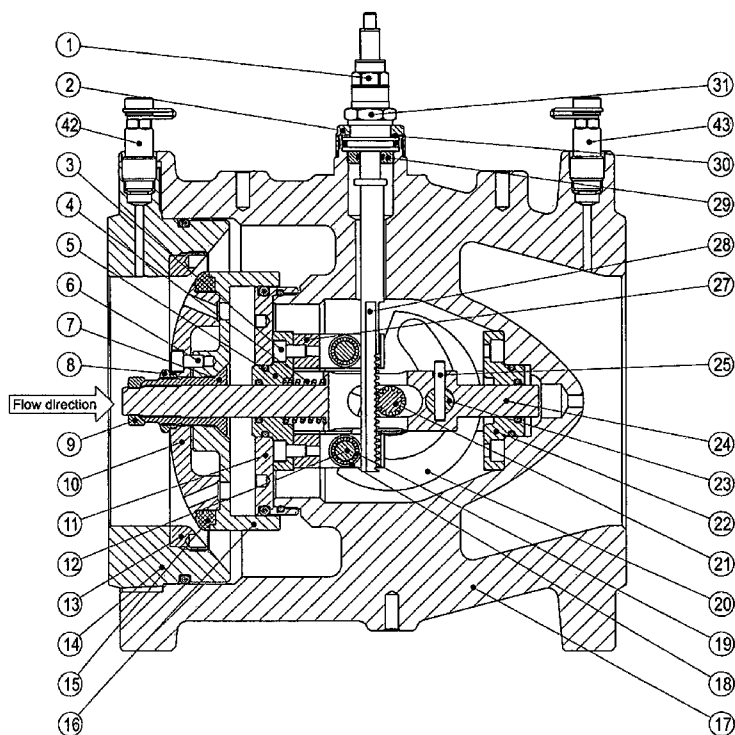


FIGURE 1

(57) Abstract: A combined balancing and control valve suitable for use in a hydronic system comprises a chamber enclosing a plug (6, 10, 16, 15), a seat (13) and an adjustment means (20-28) for adjusting the separation of the plug (6, 10, 16, 15) and the seat (13), monitoring means for monitoring the rate of fluid flow across the separation. The adjustment means comprises a motion transformation means (20-27) operable by an actuator (28) to control the motion of the valve plug (6, 10, 16, 15) whereby to provide a favourable change in conductance of the valve for a given change in the actuator position and the actuator (28) is calibrated in increments which correspond to incremental changes in the conductance.

WO 2012/076167 A1



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, **Published:**
GW, ML, MR, NE, SN, TD, TG).

— *with international search report (Art. 21(3))*