



(51) International Patent Classification:
F16K 41/04 (2006.01)

(21) International Application Number:
PCT/GB2012/052129

(22) International Filing Date:
31 August 2012 (31.08.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1115376.4 6 September 2011 (06.09.2011) GB

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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, BN, 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.

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(54) Title: A LOW EMISSION VALVE ASSEMBLY

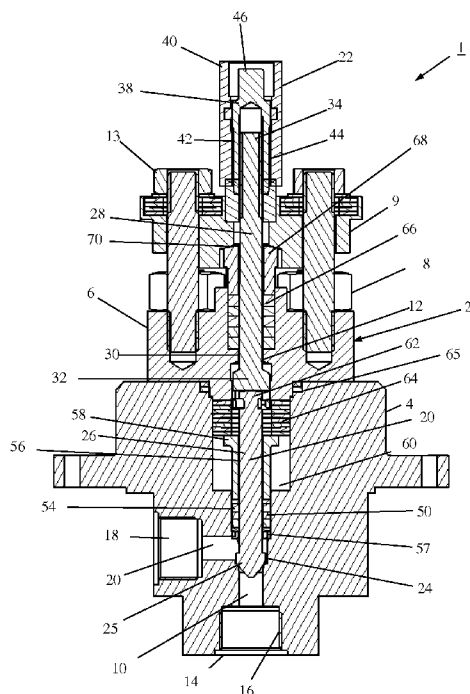


Fig 1

(57) Abstract: A valve assembly (1) controls the flow through a fluid pathway. The valve assembly (1) comprises a valve body (2) having a bore, and a spindle (20) received within the bore which is actuatable to open and close the valve. The spindle (20) has an axially upstream end arranged towards the fluid pathway and an opposing downstream end. A first seal (50) is provided about the spindle between the spindle and the bore and a biasing element (64) is arranged to impart an axial compressive force to the sealing element (50). The biasing element (64) is located within the valve body (2) between the spindle (20) and the bore on the downstream side of the seal to enables a more direct compressive force to be applied to the seal to improve sealing efficiency.



(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, 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,

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

Published:

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