

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 March 2003 (27.03.2003)

PCT

(10) International Publication Number
WO 03/025439 A2

(51) International Patent Classification⁷: **F16K**

(21) International Application Number: PCT/EP02/10487

(22) International Filing Date:
18 September 2002 (18.09.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
201 15 470.6 19 September 2001 (19.09.2001) DE

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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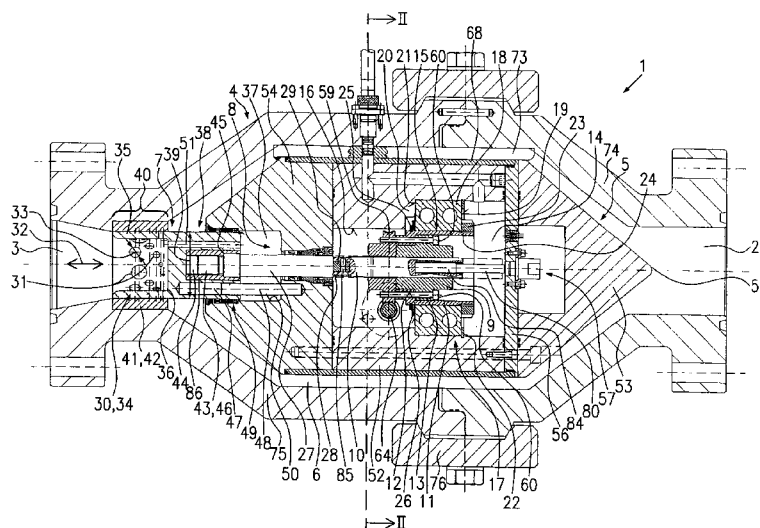
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Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PRESSURE REDUCER



(57) Abstract: A pressure reducer has a housing comprising an inlet and an outlet in which a flow-around body is arranged in a flow channel connecting inlet and outlet. A flow restrictor is adjustably mounted relative to the flow-around body for varying a flow rate and is movably connected with an adjusting means comprising a recirculating ball nut substantially fixed in an axial direction and rotatably mounted in the flow-around body and a rotating spindle is axially adjustable mounted in said recirculating ball nut wherein the rotating spindle is movably connected with said flow restrictor. To improve such a pressure reducer that a corresponding flow restrictor with a facilitated construction is reliable and can exactly be adjusted in position, the recirculating ball nut is detachably fastened to a turning sleeve rotatably mounted in the flow-around body and the recirculating ball nut is connected with a driving toothed wheel in a rotation-resistant manner, which is rotatable by an electric drive for the movable connected with recirculating ball nut.



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