

Title (en)

Controllable valve in particular for delivering a pulsating fluid flow

Title (de)

Steuerbares Ventil, insbesondere zur Zuführung eines pulsierenden Durchflusses

Title (fr)

Vanne commandable notamment pour délivrer un débit pulsé de fluide

Publication

EP 1156276 A1 20011121 (FR)

Application

EP 01401245 A 20010515

Priority

FR 0006311 A 20000517

Abstract (en)

There is a mechanical bush (40'), and a arrangement (38) compressible under the force which is applied to it, including a first end fixed to the mechanical bush, and second rigid members (36') for kinematically connecting one of the faces of the movable flap (22b) to the second end of the compressible arrangement (38). The valve body (10) has a valve seat (12) separating the interior of the body into an inlet chamber (14) and an exit chamber (16), and a movable flap (22), and an actuator (24) having a fixed control part (26) for receiving the control signal, and a movable part (28). There are first rigid connectors (30) for connecting this movable part of the actuator (28) to the movable flap (22).

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

F23K 5/007 (2013.01 - EP US); **F23K 5/147** (2013.01 - EP US); **F23C 2205/00** (2013.01 - EP US); **Y10T 137/0379** (2015.04 - EP US)

Citation (search report)

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- [A] EP 0473451 A1 19920304 - VARIAN AUSTRALIA [AU]
- [A] US 3043366 A 19620710 - WENTWORTH HARRY T
- [AD] EP 0524880 A1 19930127 - AIR LIQUIDE [FR]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 006, no. 267 (M - 182) 25 December 1982 (1982-12-25)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 011, no. 071 (M - 567) 4 March 1987 (1987-03-04)
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 071 (M - 126) 6 May 1982 (1982-05-06)

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DOCDB simple family (application)

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