

Title (en)
PLUG VALVE OF THE THROUGH-FLOW TYPE

Publication
EP 0000682 B1 19830504 (FR)

Application
EP 78400065 A 19780721

Priority
FR 7722799 A 19770725

Abstract (en)
[origin: EP0000682A1] 1. Valve having a rotary member and an unrestricted passageway, comprising a body (1) which may be connected on two opposite sides to two conduits having the same axis, a rotary member (5) movable inside the said body by rotation about an axis perpendicular to the common axis of the conduits, the said rotary member being traversed by a port of section close to that of the conduits and rotatable from an open position where the port has substantially the same axis as the conduits to a closed position where the axis of the port makes with the axis of the conduits an approximately right angle, the body and the rotary member being provided with means for ensuring fluidtightness of the valve in the closed position, the rotary member carrying at least one plug (10) movable in a direction perpendicular to the axis of the rotation and an intermediate part (19) placed between the rotary member and the plug and movable relative to the rotary member, the body having an abutment (28) against which the intermediate part bears at the end of rotation, approaching the closed position, but does not limit the rotation of the rotary part which causes by the relative movement between these parts the change of the relative position of the plug from a rest position to an active position where the intermediate part exerts on the plug a force tending to move it away from the rotary member to ensure fluidtightness in the closed position, characterized in that the intermediate part comprises a slide which is slidable between the plug and the rotary member, which bears against the abutment during rotation of the rotary member and which has a cam surface for cooperation with a cam surface provided on the rotary member.

IPC 1-7
F16K 5/20; **F16K 5/18**

IPC 8 full level
F16K 5/18 (2006.01); **F16K 5/20** (2006.01); **F16K 1/24** (2006.01)

CPC (source: EP)
F16K 5/184 (2013.01); **F16K 5/204** (2013.01)

Cited by
GB2233429A; GB2233429B; GB2196414A; GB2196414B

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0000682 A1 19790207; **EP 0000682 B1 19830504**; CA 1085806 A 19800916; DE 2862241 D1 19830609; DE 7822127 U1 19781214; ES 471961 A1 19790216; FR 2398946 A1 19790223; FR 2398946 B1 19810529; IT 1108684 B 19851209; IT 7868724 A0 19780720; JP S5448336 A 19790416

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