

Title (en)

VALVE, IN PARTICULAR FOR A HEAT ENGINE

Title (de)

VENTIL, INSBESONDERE FÜR EINE WÄRMEKRAFTMASCHINE

Title (fr)

VANNE, NOTAMMENT POUR MOTEUR THERMIQUE

Publication

**EP 3017217 A1 20160511 (FR)**

Application

**EP 14735627 A 20140613**

Priority

- FR 1355820 A 20130620
- FR 2014051465 W 20140613

Abstract (en)

[origin: WO2014202883A1] The invention relates to a valve (1), in particular for a heat engine, comprising: a body (2) containing (i) a housing (8) in which at least one bearing is disposed, and (ii) a conduit (3) through which a fluid can flow; a shutter (5) pivotably mounted in the body (2) by means of a shaft (7) received in the bearing with radial clearance; and a driving member designed to move the shaft (7) such that the shutter (5) pivots between an open position, and a closed position in which it is in contact with the body (2) at a first contact zone of the shutter located on a first side of the shaft (7) and at a second contact zone of the shutter located on a second side of the shaft (7) opposite the first side, said bearing being designed to allow the radial movement of the shaft (7) in the bearing as the shutter (5) moves from the open position into the closed position, and the driving member being designed to guide the radial movement of the shaft (7) in a pre-determined direction.

IPC 8 full level

**F16K 1/20** (2006.01); **F02D 9/10** (2006.01); **F02M 26/70** (2016.01); **F16K 11/052** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2014202883A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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