

Title (en)
VALVE

Title (de)
VENTIL

Title (fr)
VANNE

Publication
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Application
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Abstract (en)
A valve section comprising a first portion (4) and a second portion (6), and a valve assembly comprising a first portion (4) and a plurality of second portions (6), wherein a fluid pathway comprising curved surfaces, provided on a bore of the second portions and/or on a protruding part of the first portion, provide switch backs to alter the pressure of fluid such as fuel flowing in either direction through the valve, and in an alternative embodiment, a valve section comprising a venturi provided by a narrow drilling.

IPC 8 full level
F15C 1/00 (2006.01); **F02M 37/00** (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP)
F02M 59/464 (2013.01); **F02M 63/0054** (2013.01); **F02M 37/0023** (2013.01)

Citation (search report)

- [XAI] US 2004134550 A1 20040715 - TREUSCH CHRISTOPHER JOHN [US], et al
- [XAI] EP 2811145 A1 20141210 - TOYOTA MOTOR CO LTD [JP]
- [XA] US 2011036408 A1 20110217 - DESAI ASHVIN D [US]
- [XA] US 2618925 A 19521125 - WISLICENUS GEORGE F
- [XA] US 2011139453 A1 20110616 - SCHULTZ ROGER L [US], et al
- [XA] US 2014151062 A1 20140605 - STEPHENSON STANLEY V [US], et al
- [XA] US 3543781 A 19701201 - KENTFIELD JOHN A C

Cited by
CN113795665A; US11280306B1; US11220980B2; US10895233B2

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