

Title (en)

Injection valve for an engine, particularly a diesel engine

Title (de)

Einspritzventil für eine insbesondere als Dieselmotor vorgesehene Brennkraftmaschine

Title (fr)

Soupape d'injection pour moteur, particulièrement pour moteur diesel

Publication

**EP 0675281 B1 19980506 (DE)**

Application

**EP 95103548 A 19950311**

Priority

CH 93694 A 19940329

Abstract (en)

[origin: EP0675281A1] The fuel is driven through the opening (4) into a cylinder from a storage chamber (14) when the needle (15) of the nozzle is actuated by an electromagnetic control valve (227). The other end of the needle projects into a control chamber (17a) connected to a high-pressure source by a flow tube (13). Another valve (25) has an annular chamber (28) in communication with the high-pressure source and an annular seating (27) shaped so that an additional connection with the control chamber is established when the needle executes a closure movement. <IMAGE>

IPC 1-7

**F02M 47/02**

IPC 8 full level

**F02M 47/00** (2006.01); **F02M 47/02** (2006.01); **F02M 61/10** (2006.01); **F02M 61/20** (2006.01); **F02B 3/06** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)

**F02M 47/027** (2013.01 - EP US); **F02M 55/008** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **F02M 2200/30** (2013.01 - EP US)

Cited by

KR100714852B1; DE19827267A1; DE19859537A1; DE19605277B4; EP1118765A3; DE19956522A1; EP1273791A2; US6698673B1; WO0138721A3; WO2015024692A1; WO9937909A1

Designated contracting state (EPC)

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**EP 0675281 A1 19951004**; **EP 0675281 B1 19980506**; AT E165900 T1 19980515; CH 689282 A5 19990129; DE 59502083 D1 19980610; JP 3707824 B2 20051019; JP H0835461 A 19960206; US 5655716 A 19970812

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