

Title (en)

Fuel injection device for a multicylinder internal combustion engine

Title (de)

Kraftstoffeinspritzanlage für eine mehrzylindrige Brennkraftmaschine

Title (fr)

Dispositif d'injection de combustible pour un moteur à combustion interne multicylindre

Publication

EP 0704619 B1 19970102 (DE)

Application

EP 95111427 A 19950720

Priority

DE 4434783 A 19940929

Abstract (en)

[origin: EP0704619A1] The fuel injection system is used with an engine having a valve operating device for operating the inlet and outlet valves rotated about a hollow lever axis (8) which houses the high pressure fuel reservoir (3) supplied by the high pressure fuel pump. The high pressure fuel reservoir acts as a common rail for each of the magnetically-operated fuel injection valves, supplied via respective fuel injection lines (16), with an oil line pref. extending alongside the high pressure fuel reservoir.

IPC 1-7

F02M 55/02; **F01L 1/18**

IPC 8 full level

F01L 1/18 (2006.01); **F02M 55/02** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP US)

F01L 1/181 (2013.01 - EP US); **F02M 55/025** (2013.01 - EP US); **F01L 2001/0535** (2013.01 - EP); **F01L 2001/186** (2013.01 - EP); **F01L 2810/02** (2013.01 - EP); **F02B 3/06** (2013.01 - EP US); **F02M 55/02** (2013.01 - EP US)

Cited by

DE19945436C1; DE19945316A1; EP3643890A1; EP1063420A3; DE102005026600A1; DE102005026600B4; US6966301B2; US7406936B2; WO2005054656A1

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