

Title (en)

FUEL INJECTION DEVICE FOR A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFFEINSPRITZEINRICHTUNG FÜR EINE MEHRZYLINDRIGE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT POUR UN MOTEUR THERMIQUE A PLUSIEURS CYLINDRES

Publication

EP 1864014 A1 20071212 (DE)

Application

EP 06701161 A 20060125

Priority

- EP 2006050448 W 20060125
- DE 102005012928 A 20050321

Abstract (en)

[origin: US7588016B2] The fuel injection apparatus has a high-pressure pump and has a respective injector for each cylinder of the engine, which injector is at least indirectly connected to the high-pressure pump via a hydraulic line. Each injector is connected to the high-pressure pump via a hydraulic line and/or to the injector of another cylinder of the engine. This makes it possible to eliminate the high-pressure accumulator that is usually provided between the high-pressure pump and the injectors.

IPC 8 full level

F02M 55/02 (2006.01)

CPC (source: EP KR US)

F02D 41/04 (2013.01 - KR); **F02D 41/30** (2013.01 - KR); **F02M 51/0603** (2013.01 - EP US); **F02M 55/02** (2013.01 - EP KR US); **F02M 55/025** (2013.01 - EP US); **F02M 61/14** (2013.01 - KR); **F02M 63/0225** (2013.01 - EP US); **F02M 2200/24** (2013.01 - EP US); **F02M 2200/703** (2013.01 - EP US)

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DOCDB simple family (publication)

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