

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: US2008184962A1] 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)

Citation (search report)

See references of WO 2006100142A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2008184962 A1 20080807**; **US 7588016 B2 20090915**; AT E448402 T1 20091115; CN 101163879 A 20080416; CN 101163879 B 20110323; DE 102005012928 A1 20060928; DE 502006005338 D1 20091224; EP 1864014 A1 20071212; EP 1864014 B1 20091111; JP 2008533387 A 20080821; JP 4651057 B2 20110316; KR 101092767 B1 20111209; KR 20070110377 A 20071116; WO 2006100142 A1 20060928

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