

Title (en)

FUEL INJECTOR AND APPARATUS TO INJECT FUEL

Title (de)

BRENNSTOFFEINSPRITZVENTIL UND VORRICHTUNG ZUM EINSPRITZEN VON BRENNSTOFF

Title (fr)

INJECTEUR DE CARBURANT ET DISPOSITIF D'INJECTION DE CARBURANT

Publication

EP 2812559 A1 20141217 (DE)

Application

EP 13702576 A 20130201

Priority

- CH 1742012 A 20120207
- EP 2013000318 W 20130201

Abstract (en)

[origin: WO2013117311A1] The fuel injection valve (1) for the intermittent injection of fuel into the combustion chamber of an internal combustion engine has a valve housing (12) that defines a longitudinal axis (14) and is provided with a high-pressure chamber (16). The connecting part (20) of the valve housing (12) has two identically formed high-pressure connections (22, 24) for high-pressure fuel lines. The two identically formed high-pressure connections (22, 24) are arranged in a common connecting face (30') in such a way that said high-pressure connections are oriented in the same direction and the connection axes (22', 24') thereof run parallel to each other. In the interior of the valve housing (12), the high-pressure connections (22, 24) are connected to each other and to the high-pressure chamber (16).

IPC 8 full level

F02M 55/00 (2006.01); **F02M 55/02** (2006.01)

CPC (source: EP KR RU US)

F02M 55/00 (2013.01 - KR); **F02M 55/001** (2013.01 - EP RU US); **F02M 55/005** (2013.01 - EP RU US); **F02M 55/02** (2013.01 - EP KR RU US); **F02M 61/10** (2013.01 - KR); **F02M 63/02** (2013.01 - KR); **F02M 67/12** (2013.01 - RU US); **F02M 55/008** (2013.01 - EP US)

Citation (search report)

See references of WO 2013117311A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013117311 A1 20130815; **WO 2013117311 A9 20140821**; CN 104093968 A 20141008; CN 104093968 B 20161012; EP 2812559 A1 20141217; EP 2812559 B1 20160504; JP 2015506443 A 20150302; JP 6141328 B2 20170607; KR 101603029 B1 20160311; KR 20140109470 A 20140915; RU 2014136326 A 20160327; RU 2607568 C2 20170110; US 2014360469 A1 20141211; US 9587611 B2 20170307

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