

Title (en)

Fuel rail device

Title (de)

Kraftstoffleistenvorrichtung

Title (fr)

Dispositif de rail de carburant

Publication

**EP 2607678 A1 20130626 (EN)**

Application

**EP 11194590 A 20111220**

Priority

EP 11194590 A 20111220

Abstract (en)

Fuel rail device (40) of a combustion engine (22), the fuel rail device (40) comprising a fuel rail (18) with a distribution opening (28), a pipe (24) being designed to be in hydraulic communication with a fuel injector (20), and an adapter element (30) being fixedly coupled to the fuel rail (18) and to the pipe (24) and being in hydraulic communication with the fuel rail (18) and the pipe (24). The adapter element (30) comprises a pipe section (32) being arranged inside the distribution opening (28) of the fuel rail (18) and being designed to sealingly couple the adapter element (30) to the fuel rail (18).

IPC 8 full level

**F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

**F02M 55/005** (2013.01); **F02M 55/025** (2013.01); **F02M 69/465** (2013.01)

Citation (applicant)

DE 102009051065 B3 20110120 - BENTELER AUTOMOBILTECHNIK GMBH [DE]

Citation (search report)

- [X] US 2003127852 A1 20030710 - USUI MASAYOSHI [JP]
- [X] US 6901913 B1 20050607 - TSUCHIYA HIKARI [JP], et al
- [X] JP 2007021508 A 20070201 - USUI KOKUSAI SANGYO KK, et al

Cited by

CN110242454A; CN108026877A; EP3121433A1; US10167830B2; EP3153698A1; US10197031B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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