

Title (en)

High pressure line for fuel injection system

Title (de)

Hochdruckleitung für eine Kraftstoffeinspritzanlage

Title (fr)

Ligne de haute pression pour système d'injection du carburant

Publication

**EP 2230397 B1 20161012 (DE)**

Application

**EP 10007052 A 20030821**

Priority

- EP 03811301 A 20030821
- DE 10307871 A 20030225

Abstract (en)

[origin: WO2004076846A1] The invention relates to a high-pressure line between an injector (1) and a common rail (114), which fully or partially decomposes the pressure waves created when the injector (1) is actuated.

IPC 8 full level

**F02M 55/02** (2006.01); **F02M 55/04** (2006.01); **F02M 63/02** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

**F02M 55/02** (2013.01); **F02M 55/025** (2013.01); **F02M 55/04** (2013.01); **F02M 63/0225** (2013.01); **F02M 2200/31** (2013.01); **F02M 2200/315** (2013.01)

Citation (examination)

JP H10213045 A 19980811 - USUI INTERNATIONAL INDUSTRY

Cited by

EP3032086A1; US9272437B2; US9844890B2; US9884406B2; US10589400B2; US10596717B2; US11292147B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 10307871 A1 20040902**; CN 1745243 A 20060308; CN 1745243 B 20130501; EP 1611342 A1 20060104; EP 1611342 B1 20120229; EP 2230397 A1 20100922; EP 2230397 B1 20161012; JP 2006514201 A 20060427; WO 2004076846 A1 20040910

DOCDB simple family (application)

**DE 10307871 A 20030225**; CN 03826031 A 20030821; DE 0302795 W 20030821; EP 03811301 A 20030821; EP 10007052 A 20030821; JP 2004568632 A 20030821