

Title (en)  
High pressure conduit system

Title (de)  
Hochdruckleitungssystem

Title (fr)  
Système de conduits à haute pression

Publication  
**EP 1707793 A1 20061004 (DE)**

Application  
**EP 05101877 A 20050310**

Priority  
EP 05101877 A 20050310

Abstract (en)  
A high-pressure impulse throttle (3) is fitted into the juncture of a high-pressure line (1) and a common rail (2). The throttle forms a flow channel (4) tapering in a manner in which the flow resistance in the normal fuel flow direction is smaller than that in the reverse direction. A high-pressure fuel pump is arranged in the high-pressure line.

IPC 8 full level  
**F02M 55/04** (2006.01); **F02M 55/02** (2006.01)

CPC (source: EP)  
**F02M 55/005** (2013.01); **F02M 55/025** (2013.01); **F02M 55/04** (2013.01); **F02M 63/0225** (2013.01); **F02M 2200/315** (2013.01); **F02M 2200/40** (2013.01)

Citation (search report)

- [X] EP 0780569 A1 19970625 - NIPPON SOKEN [JP]
- [X] US 2004187848 A1 20040930 - HLOUSEK JAROSLAW [AT]
- [X] EP 0612921 A1 19940831 - CATERPILLAR INC [US]
- [X] US 2004139945 A1 20040722 - KONDO JUN [JP]
- [X] DE 10143511 A1 20030327 - SIEMENS AG [DE]

Cited by  
EP1793119A1; EP3336341A1; WO2018108963A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1707793 A1 20061004**

DOCDB simple family (application)  
**EP 05101877 A 20050310**