

Title (en)  
Common rail fuel injection system

Title (de)  
Common Rail Einspritzsystem

Title (fr)  
Système d'injection de carburant avec un common rail

Publication  
**EP 1108886 A3 20031126 (DE)**

Application  
**EP 00124776 A 20001114**

Priority  
DE 19960480 A 19991215

Abstract (en)  
[origin: EP1108886A2] The fuel supply rail (2) is directly fastened to the cylinder head (1) via a sealing bracket (4), sealing the ends of a pressure tube (6), and a screw (3) fastening the brackets to the cylinder head. Rail and screw form a modular unit, e.g. a forged part. A flow limiter (7) is located between rail and pressure tube, and is screwed with a thread (8) into the rail, while it is sealed via a conical seat relative to the tube.

IPC 1-7  
**F02M 55/00**; **F02M 55/02**; **F02M 61/14**

IPC 8 full level  
**F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP)  
**F02M 55/005** (2013.01); **F02M 55/02** (2013.01); **F02M 55/025** (2013.01); **F02M 61/14** (2013.01)

Citation (search report)  
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• [Y] DE 19640480 A1 19980402 - BOSCH GMBH ROBERT [DE]  
• [Y] DE 3506963 A1 19850912 - GEN MOTORS CORP [US]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)

Cited by  
JP2009138738A; EP2060775A3; EP2060776A1; US7958870B2; WO2009058283A1; US8336524B2; WO2009033304A1; JP2011127612A

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DOCDB simple family (publication)  
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