

Title (en)

Common rail fuel injection system for internal combustion engines

Title (de)

Common Rail Einspritzsystem für Brennkraftmaschinen

Title (fr)

Système d' injection par alimentation commune des injecteurs pour moteurs à combustion interne

Publication

**EP 0921303 A3 20030102 (DE)**

Application

**EP 98119363 A 19981014**

Priority

DE 19754132 A 19971205

Abstract (en)

[origin: EP0921303A2] A claw (3) with an integrated bore (7) and a pressure tube (8) is screwed to the cylinder head (5) to act as a connecting component. The pressure tube is tensioned between the claw and the injector (2). The accumulator (1) is directly connected to the claw. Between the claw and the accumulator per injector is a through-flow limiter (6).

IPC 1-7

**F02M 55/02**

IPC 8 full level

**F02F 1/24** (2006.01); **F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 63/02** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

**F02F 1/242** (2013.01); **F02M 55/005** (2013.01); **F02M 55/02** (2013.01); **F02M 55/025** (2013.01); **F02M 63/0205** (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

- [A] DE 4340311 C1 19941215 - DAIMLER BENZ AG [DE]
- [AD] DE 19543506 A1 19970528 - MAN NUTZFAHRZEUGE AG [DE]
- [A] DATABASE WPI Section PQ Week 199650, Derwent World Patents Index; Class Q53, AN 1996-504018, XP002220027 & PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07 31 August 1995 (1995-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)

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JP2009138738A; EP1108886A3; EP1793121A1; DE102009020867A1; EP2060775A3; EP2060776A1; US7958870B2; DE102009020867B4; US8336524B2; WO2009033304A1

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