

Title (en)
Common rail fuel injection system

Title (de)
Common-Rail Einspritzsystem

Title (fr)
Système d'injection par alimentation commune des injecteurs

Publication
EP 0915252 A3 20000315 (DE)

Application
EP 98117887 A 19980921

Priority
CH 255797 A 19971105

Abstract (en)
[origin: EP0915252A2] The rail (12) has an accommodation aperture (44) for a plunger cylinder (46) of the high pressure pump (16) with a delivery chamber (56) and a through passage (62). The delivery chamber is connected with the pressure chamber (20) of the rail (12) via the through passage. The injectors (24) have inlet apertures (38) open to the pressure chamber of the rail.

IPC 1-7
F02M 55/02; **F02M 63/02**; **F02M 39/02**; **F02M 61/14**

IPC 8 full level
F02F 1/24 (2006.01); **F02M 39/00** (2006.01); **F02M 39/02** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 63/02** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP US)
F02M 39/00 (2013.01 - EP US); **F02M 39/02** (2013.01 - EP); **F02M 55/025** (2013.01 - EP); **F02M 61/14** (2013.01 - EP); **F02M 63/0225** (2013.01 - EP); **F02B 3/06** (2013.01 - EP)

Citation (search report)

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- [A] US 5626121 A 19970506 - KUSHIDA TAKEO [JP], et al
- [A] FR 2701295 A1 19940812 - SINDRA SA [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 097, no. 007 31 July 1997 (1997-07-31)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 097, no. 007 31 July 1997 (1997-07-31)

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DOCDB simple family (application)
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