

Title (en)
FUEL INJECTION SYSTEM

Title (de)
KRAFTSTOFFEINSPRITZSYSTEM

Title (fr)
SYSTEME D'INJECTION DE CARBURANT

Publication
EP 1115975 B1 20031112 (DE)

Application
EP 99953704 A 19990902

Priority
• DE 9902791 W 19990902
• DE 19843940 A 19980924

Abstract (en)
[origin: DE19843940A1] Disclosed is a fuel injection system for an internal combustion engine, comprising a presupply pump (2) and a high-pressure pump (16) used to pump pressurized fuel into a common rail (18). The supply pressure of the high-pressure pump (16) is brought to a high level of pressure when the internal combustion engine is started, whereby the pressure in the common rail (18) required for optimum atomization can be built up very quickly.

IPC 1-7
F02M 63/02

IPC 8 full level
F02M 63/02 (2006.01); **F04B 23/10** (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP US)
F02M 63/0225 (2013.01 - EP US); **F04B 23/103** (2013.01 - EP US); **F04B 49/246** (2013.01 - EP); **F04B 2205/15** (2013.01 - EP)

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US6889913B2

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DE

DOCDB simple family (publication)
DE 19843940 A1 20000330; DE 59907743 D1 20031218; EP 1115975 A1 20010718; EP 1115975 B1 20031112; WO 0017516 A1 20000330

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