

Title (en)

PUMP SYSTEM FOR SUPPLYING FUEL AT HIGH PRESSURE

Title (de)

PUMPENANORDNUNG ZUR KRAFTSTOFFHOCHDRUCKVERSORGUNG

Title (fr)

SYSTEME DE POMPES POUR ALIMENTATION EN CARBURANT SOUS HAUTE PRESSION

Publication

**EP 1049868 B1 20020508 (DE)**

Application

**EP 99906058 A 19990118**

Priority

- DE 9900088 W 19990118
- DE 19802476 A 19980123

Abstract (en)

[origin: DE19802476A1] The pump fitting has a casing (2) including several pump elements in which fuel is subjected to high pressure and taken to a common rail high pressure connection boring (8). The system includes several high pressure channels (6, 7) connected to the pump elements and lying in a different plane to the high pressure connection boring at which they meet. At least one channel may pass tangentially through the boring to the outside.

IPC 1-7

**F02M 59/08**; **F02M 63/02**

IPC 8 full level

**F02M 59/44** (2006.01); **F02M 59/06** (2006.01); **F02M 59/08** (2006.01); **F02M 63/02** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP US)

**F02M 59/06** (2013.01 - EP US); **F02M 59/08** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F04B 53/16** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 19802476 A1 19990729**; DE 59901391 D1 20020613; EP 1049868 A1 20001108; EP 1049868 B1 20020508; JP 2002501144 A 20020115; JP 4372999 B2 20091125; US 6588405 B1 20030708; WO 9937910 A1 19990729

DOCDB simple family (application)

**DE 19802476 A 19980123**; DE 59901391 T 19990118; DE 9900088 W 19990118; EP 99906058 A 19990118; JP 2000528792 A 19990118; US 60091700 A 20000926