

Title (en)

Fuel feed pump for a fuel injection pump for internal combustion engines

Title (de)

Kraftstoff-Förderpumpe für eine Kraftstoff-Einspritzpumpe für Brennkraftmaschinen

Title (fr)

Pompe d'alimentation en carburant pour une pompe d'injection de carburant destinée à des moteurs à combustion interne

Publication

**EP 0822329 A3 19990217 (DE)**

Application

**EP 97100911 A 19970122**

Priority

DE 19625488 A 19960626

Abstract (en)

[origin: EP0822329A2] The feed pump has a pumping chamber (3) containing a pair of rotary gears (7,9). the fuel is fed from a reservoir connected suction chamber (13) between the rear face of the gears and the circumferential wall of the pump chamber feed duct (17) connected to the fuel injection pump pressure chamber (15). A drive (8) is connected to one of the pump shafts by an overload safety coupling (10). The coupling may be drive locked with the bore (31) of the drive shaft section (32).

IPC 1-7

**F02M 37/04**

IPC 8 full level

**F02M 37/04** (2006.01); **F04C 14/28** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

**F02M 37/04** (2013.01 - EP US); **F02M 37/041** (2013.01 - EP US); **F04C 14/28** (2013.01 - EP US); **F04C 15/0061** (2013.01 - EP US); **F05C 2225/04** (2013.01 - EP US)

Citation (search report)

- [Y] AT 209111 B 19600525 - FRIEDMANN & MAIER AG
- [Y] DE 844229 C 19520717 - AUDI AG

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**DE 19625488 A1 19980115**; **DE 19625488 C2 20000302**; DE 59709074 D1 20030213; EP 0822329 A2 19980204; EP 0822329 A3 19990217; EP 0822329 B1 20030108; US 6050795 A 20000418

DOCDB simple family (application)

**DE 19625488 A 19960626**; DE 59709074 T 19970122; EP 97100911 A 19970122; US 88128397 A 19970624