

Title (en)
Device for supplying fuel

Title (de)
Fördereinrichtung zum Fördern von Kraftstoff

Title (fr)
Dispositif d'alimentation en carburant

Publication
EP 1136689 B1 20030502 (DE)

Application
EP 01104331 A 20010223

Priority
DE 10013905 A 20000321

Abstract (en)
[origin: EP1136689A2] The system has a pump with connected feed pipe containing a fuel filter. The feed pipe (4) has a by-pass pipe (9) leading past the filter (7). It also has components to open and close the by-pass after a set use period or condition of the filter. The components are contained in the fuel tank (1), and consist of e.g. a reversing valve. The valve is operated after a set time period or after a pre-selected mileage traveled. The by-pass contains a second fuel filter.

IPC 1-7
F02M 37/04

IPC 8 full level
F02M 37/00 (2006.01); **F02M 37/04** (2006.01); **F02M 37/36** (2019.01); **F02M 37/50** (2019.01); **F02M 37/10** (2006.01)

CPC (source: EP US)
F02M 37/0023 (2013.01 - EP US); **F02M 37/0047** (2013.01 - EP US); **F02M 37/36** (2018.12 - EP US); **F02M 37/50** (2018.12 - EP US); **F02M 37/0082** (2013.01 - EP US); **F02M 37/10** (2013.01 - EP US); **Y10T 137/8326** (2015.04 - EP US)

Cited by
EP2017462A1; EP1826393A1; ITMI20102449A1; EP2009275A1; EP2716901A1; FR2996603A1

Designated contracting state (EPC)
DE ES FR GB SE

DOCDB simple family (publication)
EP 1136689 A2 20010926; **EP 1136689 A3 20020710**; **EP 1136689 B1 20030502**; AU 2327201 A 20010927; BR 0101097 A 20011106; DE 10013905 A1 20010927; DE 50100201 D1 20030605; US 2001027781 A1 20011011; US 6422213 B2 20020723

DOCDB simple family (application)
EP 01104331 A 20010223; AU 2327201 A 20010227; BR 0101097 A 20010320; DE 10013905 A 20000321; DE 50100201 T 20010223; US 80578801 A 20010313