

Title (en)

FUEL SUPPLY DEVICE FOR MOTOR VEHICLES WITH PRESSURE REGULATION

Title (de)

BRENNSTOFFZUFUHRVORRICHTUNG MIT DRUCKREGELUNG FÜR FAHRZEUGE

Title (fr)

DISPOSITIF D'ALIMENTATION EN CARBURANT POUR VEHICULE AUTOMOBILE AVEC REGULATION DE PRESSION

Publication

EP 0784749 B1 19990113 (FR)

Application

EP 95933465 A 19951002

Priority

- FR 9501275 W 19951002
- FR 9411783 A 19941003
- FR 9502624 A 19950307

Abstract (en)

[origin: WO9610693A1] A fuel feed device for an internal combustion engine, including a pump (10) designed to draw fuel from a tank (12) and an element (30) responsive to the pressure in a non-bypass feed line (16) connected to the discharge side of the pump (10) for controlling the actuation of the pump (10). Said device includes a pressure-reducing regulator (40) arranged in series on the non-bypass feed line (16) connected to the discharge side of the pump (10), upstream from the site (14) where the fuel is used.

IPC 1-7

F02M 37/08; **F02M 37/10**; **F02M 69/54**; **F02D 41/30**

IPC 8 full level

F02M 37/00 (2006.01); **F02D 41/04** (2006.01); **F02D 41/30** (2006.01); **F02D 41/38** (2006.01); **F02D 45/00** (2006.01); **F02M 37/08** (2006.01); **F02M 37/10** (2006.01); **F02M 69/00** (2006.01); **F02M 69/54** (2006.01)

CPC (source: EP)

F02D 41/3082 (2013.01); **F02D 41/3809** (2013.01); **F02M 37/08** (2013.01); **F02M 37/10** (2013.01); **F02M 69/54** (2013.01); **F02D 2041/224** (2013.01); **F02D 2200/0602** (2013.01); **F02M 2037/087** (2013.01)

Cited by

US6729307B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 9610693 A1 19960411; BR 9509228 A 19980127; DE 69507318 D1 19990225; DE 69507318 T2 19990617; EP 0784749 A1 19970723; EP 0784749 B1 19990113; ES 2126935 T3 19990401; FR 2725245 A1 19960405; FR 2725245 B1 19961220; JP 3816519 B2 20060830; JP H10511158 A 19981027

DOCDB simple family (application)

FR 9501275 W 19951002; BR 9509228 A 19951002; DE 69507318 T 19951002; EP 95933465 A 19951002; ES 95933465 T 19951002; FR 9502624 A 19950307; JP 51147096 A 19951002