

Title (en)

Fuel supply device for an internal combustion engine of a vehicle

Title (de)

Kraftstoffversorgungseinrichtung für eine Brennkraftmaschine eines Kraftfahrzeugs

Title (fr)

Dispositif d'alimentation en carburant pour un moteur à combustion interne d'un véhicule

Publication

EP 1126157 B1 20060809 (DE)

Application

EP 00127411 A 20001214

Priority

DE 10006622 A 20000215

Abstract (en)

[origin: DE10006622A1] A feeder unit (14) driven by an electric motor feeds fuel from a reservoir (12) to an internal combustion engine (10). A pressure-limiting valve (26) and a reverse flow valve (22) are integrated in the feeder unit, downstream from which there is a fuel filter (32), downstream from which a pressure sensor (34) connects to a controller (36) for controlling the feeder unit to keep fuel close to a scheduled pressure.

IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/02** (2006.01); **F02M 37/08** (2006.01); **F02M 37/10** (2006.01); **F02M 37/22** (2006.01)

CPC (source: EP KR US)

F02M 37/00 (2013.01 - KR); **F02M 37/025** (2013.01 - EP US); **F02M 37/106** (2013.01 - EP US)

Citation (examination)

US 4559968 A 19851224 - STROHL WILLI [DE], et al

Cited by

US7832379B2; WO2014206632A1; WO2006136328A1; WO2007115102A2; US7469683B2; WO2007115102A3; WO2006079402A1; WO2008052873A1; WO2006040274A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

EP 1126157 A2 20010822; **EP 1126157 A3 20020320**; **EP 1126157 B1 20060809**; DE 10006622 A1 20010816; DE 50013301 D1 20060921; JP 2001254655 A 20010921; KR 20010082019 A 20010829; US 2001018908 A1 20010906; US 6474310 B2 20021105

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EP 00127411 A 20001214; DE 10006622 A 20000215; DE 50013301 T 20001214; JP 2001037434 A 20010214; KR 20010004043 A 20010129; US 78248701 A 20010213