

Title (en)

Fuel supply device for a motor vehicle

Title (de)

Kraftstoffversorgungsanlage für ein Kraftfahrzeug

Title (fr)

Installation d'alimentation en carburant pour un véhicule automobile

Publication

EP 2159407 B1 20120523 (DE)

Application

EP 09168890 A 20090828

Priority

DE 102008044904 A 20080829

Abstract (en)

[origin: EP2159407A1] The system (1) has an electrically driven fuel conveying unit (4) arranged in a fuel tank (3). A supply pipe (11) is guided to an internal-combustion engine (2) of a motor vehicle. A pressure sensor (30) detects a pressure in the supply pipe. A control unit supplies electrical current to the fuel conveying unit with respect to signals of the sensor. A pressure limiting valve (27) is connected with the supply pipe. The valve releases or locks a connection of the supply pipe with the fuel tank, when the pressure in the supply pipe is above or below a predetermined pressure, respectively.

IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/46** (2019.01); **F02M 37/48** (2019.01); **F02M 37/50** (2019.01)

CPC (source: EP US)

F02M 37/0058 (2013.01 - EP US); **F02M 37/46** (2018.12 - EP US); **F02M 37/48** (2018.12 - EP US); **F02M 37/50** (2018.12 - EP US); **F02M 37/08** (2013.01 - EP)

Cited by

CN108533427A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2159407 A1 20100303; **EP 2159407 B1 20120523**; DE 102008044904 A1 20100304; ES 2388208 T3 20121010

DOCDB simple family (application)

EP 09168890 A 20090828; DE 102008044904 A 20080829; ES 09168890 T 20090828