

Title (en)

METHOD OF FILLING THE FUEL-FEED SYSTEM OF AN INTERNAL-COMBUSTION ENGINE.

Title (de)

VERFAHREN ZUR BEFÜLLUNG DES KRAFTSTOFFVERSORGUNGSSYSTEMS BEI EINER BRENNKRAFTMASCHINE.

Title (fr)

PROCEDE DE REMPLISSAGE DU SYSTEME D'ALIMENTATION EN CARBURANT D'UN MOTEUR A COMBUSTION INTERNE.

Publication

EP 0679220 A1 19951102 (DE)

Application

EP 94928299 A 19941012

Priority

- DE 9401194 W 19941012
- DE 4335891 A 19931021

Abstract (en)

[origin: WO9511378A1] Described is a method of filling the fuel-feed system of an internal-combustion engine, the method calling for the electric fuel pump to be controlled by a control unit. When the control unit determines, based on measurements of certain parameters, that it is necessary to fill the fuel-feed system with fuel, it commands the fuel pump to feed in sufficient fuel before the engine is started. When the control unit determines, however, that engine start-up will be normal, the normal procedure is followed for control of the fuel pump. It is also possible to change over from fuel-pump time control to normal control when the measured parameters correspond to recognized switchover conditions.

IPC 1-7

F02D 41/30; **F02D 41/06**

IPC 8 full level

F02N 11/08 (2006.01); **F02D 41/06** (2006.01); **F02D 41/30** (2006.01); **F02D 41/32** (2006.01); **F02D 45/00** (2006.01); **F02M 37/00** (2006.01); **F02M 37/08** (2006.01)

CPC (source: EP KR US)

F02D 41/062 (2013.01 - EP US); **F02D 41/30** (2013.01 - KR); **F02D 41/3082** (2013.01 - EP US); **F02M 2037/085** (2013.01 - EP US)

Citation (search report)

See references of WO 9511378A1

Cited by

EP1143141A1; WO0144637A2; DE102007050304A1; US8155861B2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

DE 4335891 A1 19950427; BR 9405645 A 19990908; CN 1048538 C 20000119; CN 1115186 A 19960117; DE 59406217 D1 19980716; EP 0679220 A1 19951102; EP 0679220 B1 19980610; JP H08505201 A 19960604; KR 100340824 B1 20021216; KR 950704604 A 19951120; RU 2138665 C1 19990927; US 5513614 A 19960507; WO 9511378 A1 19950427

DOCDB simple family (application)

DE 4335891 A 19931021; BR 9405645 A 19941012; CN 94190759 A 19941012; DE 59406217 T 19941012; DE 9401194 W 19941012; EP 94928299 A 19941012; JP 51116895 A 19941012; KR 19950702545 A 19950621; RU 95112531 A 19941012; US 44668195 A 19950601