

Title (en)

DEVICE FOR FEEDING A FUEL ADDITIVE INTO THE FUEL TANK OF MOTOR VEHICLE

Publication

EP 0340745 B1 19901107 (DE)

Application

EP 89107991 A 19890503

Priority

DE 3815523 A 19880506

Abstract (en)

[origin: EP0340745A1] For feeding a fuel additive into the fuel tank of a motor vehicle the pump device is formed by a pneumatically actuated displacement pump (14) the movable pump element (18) of which can be adjustably pressure controlled by way of a control valve (44) against the force of a preloaded spring (20), the control valve (44) being preferably actuated directly by the fuel tank cap (56). <IMAGE>

IPC 1-7

F02M 25/00

IPC 8 full level

F01M 3/00 (2006.01); **F02M 25/00** (2006.01); **F02M 37/00** (2006.01)

CPC (source: EP US)

F02M 25/00 (2013.01 - EP US)

Cited by

DE4106697C1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 3815523 C1 19890119; DE 58900023 D1 19901213; EP 0340745 A1 19891108; EP 0340745 B1 19901107; ES 2019482 B3 19910616;
JP H01315656 A 19891220; US 4936261 A 19900626

DOCDB simple family (application)

DE 3815523 A 19880506; DE 58900023 T 19890503; EP 89107991 A 19890503; ES 89107991 T 19890503; JP 11355489 A 19890502;
US 34162789 A 19890421