

Title (en)

Fuel pumping and gauging device for automotive vehicle.

Title (de)

Kraftstoffabsaug- und Anzeigevorrichtung eines Fahrzeuges.

Title (fr)

Dispositif d'aspiration/jaugeage de carburant pour véhicule automobile.

Publication

EP 0681103 A1 19951108 (FR)

Application

EP 95401029 A 19950504

Priority

FR 9405524 A 19940505

Abstract (en)

The suction/gauge unit consists of a base for fixing to one wall of the fuel tank, equipped with a suction assembly (200) with a reserve chamber (210), and a gauge assembly (300) which can slide vertically on the reserve chamber and is held elastically towards the bottom of the fuel tank. The base of the reserve chamber has a strainer which is deformable with an amplitude at least as great as that of the bottom wall of the fuel tank, against which it is held by an elastic element such as a spiral spring or moulded claw. The gauge assembly fits into a recess in the outer surface of the reserve chamber, which has a vertical slider (260) formed by a rectangular groove with converging edges and equipped with flexible teeth at one end to prevent spontaneous withdrawal of the gauge assembly. It also has a central housing (310), a lower foot (370) and an upper barrel (350). <IMAGE>

Abstract (fr)

La présente invention concerne un dispositif d'aspiration/jaugeage de carburant pour véhicule automobile comprenant une embase conçue pour être fixée sur une paroi d'un réservoir de carburant et qui porte un ensemble d'aspiration (200) pourvu d'un bol de réserve (210) et un ensemble de jaugeage (300), caractérisé par le fait que l'ensemble de jaugeage (300) est monté à coulissement dans une direction générale verticale sur le bol de réserve (210) et sollicité élastiquement vers le fond du réservoir par rapport à ce bol. <IMAGE>

IPC 1-7

F02M 37/10

IPC 8 full level

F02M 37/10 (2006.01)

CPC (source: EP US)

F02M 37/10 (2013.01 - EP US); **F02M 37/103** (2013.01 - EP US)

Citation (search report)

- [A] FR 2636017 A1 19900309 - DELCO ELECTRONIC OVERSEAS CORP [US]
- [A] EP 0246755 A2 19871125 - GEN MOTORS CORP [US]
- [A] WO 9013739 A1 19901115 - CARTER AUTOMOTIVE CO [US]
- [A] US 4945884 A 19900807 - COHA TIMOTHY F [US], et al

Cited by

EP3090812A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0681103 A1 19951108; EP 0681103 B1 19980923; BR 9501913 A 19951128; DE 69504898 D1 19981029; DE 69504898 T2 19990602; ES 2123217 T3 19990101; FR 2719629 A1 19951110; FR 2719629 B1 19960726; US 5678449 A 19971021

DOCDB simple family (application)

EP 95401029 A 19950504; BR 9501913 A 19950504; DE 69504898 T 19950504; ES 95401029 T 19950504; FR 9405524 A 19940505; US 43190495 A 19950501