

Title (en)
Closing device for fuel tank

Title (de)
Verschlussvorrichtung für Brennstoffbehälter

Title (fr)
Dispositif de fermeture de réservoir de carburant

Publication
EP 1506936 B1 20061011 (DE)

Application
EP 03018313 A 20030812

Priority
EP 03018313 A 20030812

Abstract (en)
[origin: EP1506936A1] The road vehicle fuel tank filler cap closure plug (10) has a central bore (35) in a cylindrical body (11) with a retaining groove (33). An inwardly-directed flange (32) accommodates a spring-loaded non-return valve body (36) allowing fuel to be pumped in. The fuel flows past the valve body and through a narrow bore (40) in a cylindrical block (39) which may be screwed onto place. The fuel flows through a feed tube (45) toward the bottom of the tank. A narrow bore (34) at the side of the plug receives the end of a vapor pressure equalization line (44) with its end held above the liquid level by a float (43).

IPC 8 full level
B67D 7/02 (2010.01); **B60K 15/035** (2006.01); **B60K 15/04** (2006.01); **B67D 7/32** (2010.01)

CPC (source: EP US)
B67D 7/0294 (2013.01 - EP US); **B67D 7/3227** (2013.01 - EP US)

Cited by
EP3252004A1; WO2017207170A1; CN103625743A; CH716152A1; CN109476473A; RU2702395C1; CN112661098A; US10961111B2

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