

Title (en)  
Internal pressure regulator in the flange of a pressuring device

Title (de)  
Interner Druckregler im Flansch einer Druckerhöhungsvorrichtung

Title (fr)  
Régulateur de pression interne à l'embase d'un ensemble de puisage

Publication  
**EP 0666415 B1 19981007 (FR)**

Application  
**EP 95400243 A 19950206**

Priority  
FR 9401393 A 19940208

Abstract (en)  
[origin: EP0666415A1] The feed system consists of a base attached to the wall of the fuel tank, a pump with a feed pipe connected to its outlet, and a pressure regulator (300) which is attached to the base. The pressure regulator comprises a housing (302) with an inner chamber (334) which is divided by a membrane (330) and has at least one inlet (335) and an outlet (320) formed by a duct (324) which is closed by a shutter (331) attached to the membrane. The feed system also has a component which is fixed to the base and forms a feed chamber for the pressure regulator, the upper chamber (332) of which is linked to atmospheric pressure or to the engine inlet manifold.

IPC 1-7  
**F02M 37/00**; **F02M 37/10**; **F02M 37/18**

IPC 8 full level  
**F02M 37/00** (2006.01); **F02M 37/10** (2006.01); **F02M 69/46** (2006.01); **F02M 69/54** (2006.01)

CPC (source: EP)  
**F02M 37/0029** (2013.01); **F02M 37/103** (2013.01); **F02M 37/0082** (2013.01); **F02M 69/465** (2013.01); **F02M 69/54** (2013.01)

Citation (examination)  
EP 0621405 A1 19941026 - NIPPON DENSO CO [JP]

Cited by  
FR2849115A1; EP1108883A3; CN108343533A; EP2256331A4; EP0845590A3

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DE ES FR GB IT

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**EP 0666415 A1 19950809**; **EP 0666415 B1 19981007**; DE 69505162 D1 19981112; DE 69505162 T2 19990225; ES 2123919 T3 19990116; FR 2715973 A1 19950811; FR 2715973 B1 19960426

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