

Title (en)  
FUEL SUPPLY DEVICE FOR CARBURETORS

Publication  
**EP 0263495 A3 19890628 (EN)**

Application  
**EP 87114594 A 19871006**

Priority  
JP 15359886 U 19861006

Abstract (en)  
[origin: EP0263495A2] A fuel supply device for carburetors of the type which provides a branch passageway (17) communicating with a fuel passageway between a fuel metering jet (4) and a connection of a fuel passageway (6) with a negative pressure passageway (9) and a float chamber (5), places a diaphragm type enriched valve (32), in the middle of the branch passageway, controlled in accordance with the variation of the negative pressure generated on the downstream side of a solenoid valve or a throttle valve controlled by signals issued from various sensors detecting an operating condition of an engine and controls a fuel flow rate so that the level of a fuel column to be formed in the negative pressure passageway for intake flow rate detection communicating with the fuel passageway is kept constant, in order to enable a fuel supply to be positively performed with respect to any transient state of engine operation.

IPC 1-7  
**F02M 7/12**

IPC 8 full level  
**F02M 7/12** (2006.01); **F02M 7/133** (2006.01); **F02M 7/20** (2006.01)

CPC (source: EP KR)  
**F02M 7/12** (2013.01 - EP); **F02M 7/133** (2013.01 - EP); **F02M 7/20** (2013.01 - EP); **F02M 17/00** (2013.01 - KR)

Citation (search report)

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- [Y] US 3235237 A 19660215 - GOETZ VINCENT A, et al
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0263495 A2 19880413; EP 0263495 A3 19890628; JP S63174556 U 19881111; KR 880005352 A 19880628**

DOCDB simple family (application)  
**EP 87114594 A 19871006; JP 15359886 U 19861006; KR 870011091 A 19871005**