

Title (en)  
FUEL DISTRIBUTOR

Title (de)  
BRENNSTOFFVERTEILER

Title (fr)  
DISTRIBUTEUR DE COMBUSTIBLE

Publication  
**EP 2705245 A1 20140312 (DE)**

Application  
**EP 12710076 A 20120316**

Priority  
• DE 102011075057 A 20110502  
• EP 2012054706 W 20120316

Abstract (en)  
[origin: WO2012150080A1] A fuel distributor (2) which serves in particular for fuel injection systems of mixture-compressing, applied-ignition internal combustion engines comprises a distributor body (10), in which is formed a fuel chamber (14), and comprises a support element (4). Here, there is provided on the distributor body (10) at least one cup (12) on which the support element (4) is arranged. The support element (4) forms, at least in part, a support surface (17) on one end (18) of the cup (12). In this way, the distributor body (10) and the cup (12) can be formed from a plastic, while the preferably metallic support element (4) forms the support surface (17) for a hold-down spring (5). Also specified is a system (1) having a fuel injection valve (3), a hold-down spring (5) and a support element (4).

IPC 8 full level  
**F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP RU)  
**F02M 55/025** (2013.01 - EP RU); **F02M 61/14** (2013.01 - EP RU); **F02M 61/168** (2013.01 - EP RU); **F02M 69/465** (2013.01 - EP RU); **F02M 2200/853** (2013.01 - EP); **F02M 2200/856** (2013.01 - EP); **F02M 2200/9015** (2013.01 - EP)

Citation (search report)  
See references of WO 2012150080A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**DE 102011075057 A 20110502**; CN 201280021114 A 20120316; EP 12710076 A 20120316; EP 2012054706 W 20120316; RU 2013153131 A 20120316