

Title (en)  
FUEL DISTRIBUTION CONDUIT FOR A SPARK IGNITION ENGINE

Publication  
**EP 0193098 B1 19880518 (DE)**

Application  
**EP 86102153 A 19860219**

Priority  
DE 3506799 A 19850227

Abstract (en)  
[origin: EP0193098A1] 1. A fuel distributor housing for a spark ignition internal combustion engine having injection valves with one fuel outlet opening (15) for each injection valve (17) respectively and with a first chamber (12) having a fuel apply opening and a second chamber (11) which communicates with the first chamber (12) via connection openings (16) in a longitudinal wall (13) separating the two chambers (12, 11), and with a holding flange for a fuel regulator (5), operating in dependence on load and connected with a fuel return line (10), and which regulates the pressure in the second chamber (11), characterized in that the fuel outlet openings (15) are arranged in the second chamber (11), that the connection openings (16) form the fuel inlet openings for the second chamber (11) and that, in each case, a connection opening (16) is arranged in the region of a fuel outlet opening (15) and has a cross-section which is small in relation to the cross-section of the fuel supply and to the cross-section of the associated fuel outlet opening (15).

IPC 1-7  
**F02M 55/02**; **F02M 69/00**

IPC 8 full level  
**F02M 55/00** (2006.01); **F02M 69/46** (2006.01); **F02M 69/50** (2006.01); **F02M 69/54** (2006.01)

CPC (source: EP)  
**F02M 55/004** (2013.01); **F02M 69/465** (2013.01); **F02M 69/50** (2013.01); **F02M 69/54** (2013.01)

Cited by  
FR2708671A1; FR2606831A1; US5311850A; WO9841748A1; WO9504883A1; EP0517991B1; WO9214051A1

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