

Title (en)

Method for producing a fuel distributor with integrated injection valves

Title (de)

Verfahren zur Herstellung eines Kraftstoffzuteilers mit integrierten Einspritzventilen

Title (fr)

Méthode de fabrication d'un distributeur de carburant avec injecteurs intégrés

Publication

EP 1279825 B1 20050406 (DE)

Application

EP 02012140 A 20020601

Priority

DE 10136050 A 20010725

Abstract (en)

[origin: EP1279825A2] The distributor (1) has a chamber (12) connected to a fuel source. A pre-assembled valve module (3,9,22) of an injection valve (2.1) with central plug connection is integrated into the distributor during manufacture. At the same time, electrical contact (17,27) between the valves is created. The joint between distributor and module is made by a thermal process, e.g. Laser welding in the neck area between valve and distributor.

IPC 1-7

F02M 51/00; **F02M 55/00**

IPC 8 full level

F02M 55/02 (2006.01); **F02M 51/00** (2006.01); **F02M 51/02** (2006.01); **F02M 51/06** (2006.01); **F02M 55/00** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP US)

F02M 51/005 (2013.01 - EP US); **F02M 55/004** (2013.01 - EP US); **F02M 69/465** (2013.01 - EP US); **F02M 2200/803** (2013.01 - EP US); **F02M 2200/856** (2013.01 - EP US); **Y10T 29/49171** (2015.01 - EP US); **Y10T 29/49314** (2015.01 - EP US); **Y10T 29/49398** (2015.01 - EP US); **Y10T 29/49925** (2015.01 - EP US); **Y10T 29/4998** (2015.01 - EP US)

Cited by

EP2208883A1; EP2093413A1; US8286612B2; US7976073B2; US7934488B2; US8245697B2

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