

Title (en)  
FUEL DISTRIBUTION PIPE FOR INJECTION SYSTEMS OF INTERNAL COMBUSTION ENGINES

Publication  
**EP 0386444 B1 19920415 (DE)**

Application  
**EP 90101709 A 19900129**

Priority  
DE 3907764 A 19890310

Abstract (en)  
[origin: EP0386444A1] On a fuel distribution pipe for injection systems of internal combustion engines with at least one fuel injection valve (10) and with a valve carrier (11), which has a seating bore (12) for the fuel injection valve (10) and a face flange surrounding the seating bore (12) on which flange the fuel injection valve (10) is axially supported by means of a collar, the face flange of the valve carrier (11) and the collar of the fuel injection valve (10) are designed as intermatching parts (16, 17) of a bayonet connection (30) for fixing the position of the fuel injection valve (10) independently of a connector hood (24) yet to be attached. The connector hood (24) is also used as a locking element and for this purpose positively engages by means of locking pins (28, 29) in the recesses (18, 19) in the bayonet connection (30) serving respectively for locking and unlocking.  
<IMAGE>

IPC 1-7  
**F02M 61/14**

IPC 8 full level  
**F02M 51/00** (2006.01); **F02M 51/06** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 69/04** (2006.01); **F02M 69/46** (2006.01); **F02M 69/50** (2006.01)

CPC (source: EP KR US)  
**F02M 51/005** (2013.01 - EP US); **F02M 51/061** (2013.01 - EP US); **F02M 61/14** (2013.01 - KR); **F02M 61/145** (2013.01 - EP US); **F02M 69/04** (2013.01 - KR); **F02M 69/465** (2013.01 - EP US); **F02M 69/50** (2013.01 - EP US)

Citation (examination)  
EP 0261855 A1 19880330 - FORD MOTOR CO [GB], et al

Cited by  
EP0565867A3; US5479900A; WO9215780A1; DE102008055105A1; US8215289B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0386444 A1 19900912**; **EP 0386444 B1 19920415**; AU 4895790 A 19900913; AU 614458 B2 19910829; BR 9001128 A 19910305; DE 3907764 A1 19900913; DE 59000084 D1 19920521; JP 2962756 B2 19991012; JP H02271068 A 19901106; KR 900014734 A 19901024; KR 970009537 B1 19970614; US 5016594 A 19910521

DOCDB simple family (application)  
**EP 90101709 A 19900129**; AU 4895790 A 19900201; BR 9001128 A 19900309; DE 3907764 A 19890310; DE 59000084 T 19900129; JP 5390390 A 19900307; KR 900002401 A 19900226; US 46357290 A 19900111