

Title (en)  
DEVICE FOR CONTINUOUS FUEL INJECTION

Publication  
**EP 0220179 B1 19880608 (DE)**

Application  
**EP 85903280 A 19850708**

Priority  
DE 3425856 A 19840713

Abstract (en)  
[origin: WO8600669A1] Device for continuous fuel injection into the intake manifold of a multicylinder and mixture-compressed internal combustion engine, with an air pump (9) for the transport of a carrier air stream deviating from the intake manifold (2) and with a fuel pump (4) transporting the fuel from a fuel reserve container (3) to a dosing device (7) adding the fuel as a function of the operation state of the internal combustion engine (1) to the carrier air stream. In order to determine the most regular and accurate dosing of fuel for the various cylinders of the internal combustion engine, means are conveniently provided to distribute the carrier air to the carrier air injection lines (29) individually affected to the different cylinders of the internal combustion engine. Furthermore, the dosing device is comprised of spray lines (36) individually associated to the carrier air injection lines (29) by means of an injection valve (7) and opening therein.

IPC 1-7  
**F02M 69/08**; **F02M 51/02**

IPC 8 full level  
**F02M 51/02** (2006.01); **F02M 69/08** (2006.01)

CPC (source: EP US)  
**F02M 69/08** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 8600669 A1 19860130**; DE 3563240 D1 19880714; EP 0220179 A1 19870506; EP 0220179 B1 19880608; US 4690118 A 19870901

DOCDB simple family (application)  
**EP 8500334 W 19850708**; DE 3563240 T 19850708; EP 85903280 A 19850708; US 84790586 A 19860312