

Title (en)
INTERNAL COMBUSTION ENGINE MULTIPOINT INJECTION MODULE

Title (de)
MEHRPUNKTEINSPRITZUNGSEINHEIT FÜR VERBRENNUNGSMOTOR

Title (fr)
MODULE D'INJECTION MULTI-POINTS POUR MOTEUR A COMBUSTION INTERNE

Publication
EP 0979350 A1 20000216 (FR)

Application
EP 99904943 A 19990224

Priority
• FR 9900412 W 19990224
• FR 9802345 A 19980226

Abstract (en)
[origin: FR2775318A1] The injector has a bar (10) connected to a pump, and has injectors (12) along its length. Each injector has its own electrically operated on/off valve. The injectors are calibrated at manufacture and the calibration stored in a memory at each injector. The calibration is used by the engine control computer to determine correct timing of the injector on/off valve.

IPC 1-7
F02D 41/38; **F02D 41/24**

IPC 8 full level
F02D 41/24 (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)
F02D 41/2435 (2013.01 - EP US); **F02D 41/2467** (2013.01 - EP US); **F02D 41/38** (2013.01 - EP US)

Citation (search report)
See references of WO 9943940A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
FR 2775318 A1 19990827; **FR 2775318 B1 20000428**; BR 9904895 A 20000704; DE 69906642 D1 20030515; DE 69906642 T2 20040304; EP 0979350 A1 20000216; EP 0979350 B1 20030409; US 6247451 B1 20010619; WO 9943940 A1 19990902

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