

Title (en)
Device for pneumatically injecting fuel.

Title (de)
Vorrichtung zur pneumatischen Kraftstoffeinspritzung.

Title (fr)
Dispositif d'injection pneumatique de carburant.

Publication
EP 0323368 B1 19940622 (FR)

Application
EP 88403381 A 19881230

Priority
FR 8718359 A 19871230

Abstract (en)
[origin: EP0323368A1] Flushing by fresh, petrol-free air and injection of liquid fuel atomised by pressurised gas are performed independently in the engine cylinder (1) at predetermined points in the operating cycle of the engine. The atomisation and injection of the fuel into the cylinder (1) are achieved by gases drawn from the engine cylinder (1). The injection device may comprise a volume (17) in which the gases drawn from the cylinder (1) are stored. The drawing of gases from the cylinder (1) may be performed by way of the pneumatic injector (15), when the valve (20) opens.
<IMAGE>

IPC 1-7
F02M 67/04; **F02M 69/08**

IPC 8 full level
F02M 67/04 (2006.01); **F02M 69/08** (2006.01)

CPC (source: EP US)
F02M 67/04 (2013.01 - EP US)

Cited by
FR2662213A1; EP0458670A1; FR2668546A2

Designated contracting state (EPC)
BE DE GB IT NL SE

DOCDB simple family (publication)
EP 0323368 A1 19890705; **EP 0323368 B1 19940622**; DE 3850378 D1 19940728; DE 3850378 T2 19941117; FR 2625532 A1 19890707; FR 2625532 B1 19930423; IN 172186 B 19930501; JP 2777893 B2 19980723; JP H02223669 A 19900906; US 5027765 A 19910702

DOCDB simple family (application)
EP 88403381 A 19881230; DE 3850378 T 19881230; FR 8718359 A 19871230; IN 362MA1989 A 19890509; JP 33568888 A 19881230; US 29253088 A 19881230