

Title (en)

Electromagnetic fuel metering and atomizing valve for an internal combustion engine fuel supply device.

Title (de)

Elektromagnetisches Ventil zur Brennstoffzumessung und -zerstäubung für eine Brennstoffversorgungseinrichtung eines Verbrennungsmotors.

Title (fr)

Soupape électromagnétique de dosage et de pulvérisation de combustible pour dispositif d'alimentation en combustible d'un moteur à combustion interne.

Publication

EP 0450654 A1 19911009 (EN)

Application

EP 91105441 A 19910405

Priority

IT 6726590 A 19900406

Abstract (en)

A valve comprising a body (1) housing a core (2) and an electromagnet (3); and an injection nozzle (4) secured to the body (1) and housing an axially-sliding plunger (7) controlling fuel passage through an injection orifice (8) in the nozzle (4). The plunger (7) is fitted integral with an anchor (9) attracted by the core (2), and is guided by at least one guide ring (17s) housed inside an axial hole (6) in the nozzle (4) and locked between a shoulder on the nozzle (4) and a lock coupling (22) force-fitted inside the axial hole (6). <IMAGE>

IPC 1-7

F02M 51/06; **F02M 61/12**

IPC 8 full level

F02M 51/06 (2006.01); **F02M 61/12** (2006.01)

CPC (source: EP)

F02M 51/0671 (2013.01); **F02M 61/12** (2013.01)

Citation (search report)

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