

Title (en)
Electromagnetic injector

Title (de)
Elektromagnetisches Einspritzventil

Title (fr)
Injecteur électromagnétique

Publication
EP 0905371 A3 19991222 (EN)

Application
EP 98117945 A 19980922

Priority
IT BO970575 A 19970924

Abstract (en)
[origin: EP0905371A2] Method of manufacturing an electromagnetic injector (1), characterized in that it comprises the following stages: inserting a movable element (11) inside a main body (2) and a nozzle (3) provided with a fuel flow distributor (14); pushing the nozzle (3) and the movable element (11) along an axis of longitudinal symmetry (C) against a shoulder (7c) inside the main body (2) so as to pre-tension the spring (9); checking, by means of suitable devices, whether the value of the travel of one end of the stem (12) of the movable element (11) complies with the specifications; welding the nozzle (3) onto the main body (2) if the preceding check is positive; finely calibrating the load on the spring (9) by means of a pusher inserted in the main body (2); clamping and locking the calibrating bush (8) inside the main body (2) and finally; mounting a coil (15) on the main body (2). <IMAGE>

IPC 1-7
F02M 61/16; **F02M 51/06**; **F02M 61/12**

IPC 8 full level
F02M 51/06 (2006.01); **F02M 61/12** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/0614 (2013.01); **F02M 51/0671** (2013.01); **F02M 61/12** (2013.01); **F02M 61/162** (2013.01); **F02M 61/168** (2013.01)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0905371 A2 19990331; **EP 0905371 A3 19991222**; IT 1295192 B1 19990504; IT BO970575 A0 19970924; IT BO970575 A1 19990324

DOCDB simple family (application)
EP 98117945 A 19980922; IT BO970575 A 19970924