

Title (en)
FUEL INJECTOR HAVING AN ADDITIONAL OUTLET RESTRICTOR OR HAVING AN IMPROVED ARRANGEMENT OF THE SAME IN THE CONTROL VALVE

Title (de)
KRAFTSTOFFINJEKTOR MIT EINER ZUSÄTZLICHEN ABLAUFDROSSEL ODER MIT EINER VERBESSERTEN ANORDNUNG DERSELBEN IM STEUERVERTIL

Title (fr)
INJECTEUR DE CARBURANT DOTÉ D'UN ÉTRANGLEMENT DE SORTIE SUPPLÉMENTAIRE OU DOTÉ D'UNE DISPOSITION AMÉLIORÉE DE CE DERNIER DANS LA SOUPAPE DE COMMANDE

Publication
EP 2129903 B1 20120530 (DE)

Application
EP 08701558 A 20080117

Priority
• EP 2008050507 W 20080117
• DE 102007009165 A 20070226

Abstract (en)
[origin: DE102007009165A1] The injector (1) has a stroke-movable valve piston (3) guided in an injector body (2). A riser bore (9) is extended to an end-sided guide section (7) along a stroke axis (4) by a valve piece (8). Fuel flows from a control chamber (10) via the guide section for stroke control of the valve piston in a ring chamber (11) that is attached between a guide hole (6) and the guide section. An output choke (12) is arranged in the area of a passage from the riser bore into the ring chamber, where the amount of fuel guided by the riser bore flows through the choke.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 47/027 (2013.01 - EP US); **F02M 63/008** (2013.01 - EP US); **F02M 63/0015** (2013.01 - EP US); **F02M 63/004** (2013.01 - EP US); **F02M 63/0043** (2013.01 - EP US); **F02M 2200/28** (2013.01 - EP US); **F02M 2547/003** (2013.01 - EP US)

Cited by
DE102016225946A1; WO2018114111A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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