

Title (en)
Fuel injector valve

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de combustible

Publication
EP 2336542 A3 20130116 (DE)

Application
EP 10188702 A 20101025

Priority
DE 102009055052 A 20091221

Abstract (en)
[origin: EP2336542A2] The valve (1) has a housing (2) comprising a housing part (3) and a throttle plate (4), and a control valve body (11) arranged in a control valve area (9) of the housing part. A sealing sleeve (20) is arranged at the body, and acts together with a valve seat surface (21) of a seal seat (22). The body has an outer thread (27), and the sealing sleeve has an inner thread (28), where the outer thread stays in engagement with the inner thread. The body is adjustable along a longitudinal axis, where a connection between the valve area and a low pressure area (10) is controlled by the seal seat.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 61/18** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 61/1886** (2013.01); **F02M 63/0031** (2013.01); **F02M 63/0045** (2013.01)

Citation (search report)

- [XY] DE 19754112 A1 19980610 - HYUNDAI MOTOR CO LTD [KR]
- [Y] DE 2433691 A1 19760129 - INT HARVESTER CO
- [X] GB 2170269 A 19860730 - DAIMLER BENZ AG

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2336542 A2 20110622; EP 2336542 A3 20130116; DE 102009055052 A1 20110622

DOCDB simple family (application)
EP 10188702 A 20101025; DE 102009055052 A 20091221