

Title (en)
High pressure resistant injector body

Title (de)
Hochdruckfester Injektorkörper

Title (fr)
Injecteur résistant aux pressions élevées

Publication
EP 1304476 A3 20040519 (DE)

Application
EP 02015756 A 20020713

Priority
DE 10152230 A 20011020

Abstract (en)
[origin: EP1304476A2] The high pressure injector body (1) has an essentially cylindrical valve chamber (3) into which fuel can be introduced at high pressure via a feed bore (2) opening into a feed opening (7) in the valve chamber. The valve chamber has a bulge in its cross-section, at least near the feed opening and adjacent to the feed opening in the peripheral direction.

IPC 1-7
F02M 55/02; **F02M 61/16**

IPC 8 full level
F02M 61/16 (2006.01)

CPC (source: EP US)
F02M 55/008 (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 47/027** (2013.01 - EP US); **F02M 2200/03** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0449662 A1 19911002 - CUMMINS ENGINE CO INC [US]
- [Y] EP 0717227 A2 19960619 - PERKINS LTD [GB]
- [A] DE 19826719 A1 19991223 - BOSCH GMBH ROBERT [DE]

Cited by
US9291278B2; EP2960486A1; US2014026983A1; US8844902B2; WO2012103899A1; WO2010012393A1

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

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EP 1304476 A2 20030423; **EP 1304476 A3 20040519**; **EP 1304476 B1 20110914**; DE 10152230 A1 20030430; JP 2003139013 A 20030514; JP 4227393 B2 20090218; US 2003089793 A1 20030515; US 6796512 B2 20040928

DOCDB simple family (application)
EP 02015756 A 20020713; DE 10152230 A 20011020; JP 2002306325 A 20021021; US 27410602 A 20021021