

Title (en)
FUEL DISTRIBUTOR

Title (de)
BRENNSTOFFVERTEILER

Title (fr)
DISTRIBUTEUR DE CARBURANT

Publication
EP 2705242 A1 20140312 (DE)

Application
EP 12709851 A 20120315

Priority
• DE 102011075054 A 20110502
• EP 2012054529 W 20120315

Abstract (en)
[origin: WO2012150075A1] A fuel distributor (1) which serves in particular for fuel injection systems of mixture-compressing, applied-ignition internal combustion engines comprises a tubular main body (3). Here, an inner wall (4) of the tubular main body (3) delimits an elongate fuel chamber (5). The tubular main body (3) is formed from a plastic. On the tubular main body (3) there is provided at least one passage opening (7 to 15) which, at the inner wall (4) of the tubular main body (3), issues into the fuel chamber (5) eccentrically with respect to a longitudinal axis (2) running centrally through the elongate fuel chamber (5). In this way, the strength of the fuel distributor (1) can be improved.

IPC 8 full level
F02M 55/02 (2006.01); **B29C 45/00** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP RU)
F02M 55/025 (2013.01 - EP RU); **F02M 69/465** (2013.01 - EP RU); **F02M 2200/03** (2013.01 - EP); **F02M 2200/8046** (2013.01 - EP); **F02M 2200/9015** (2013.01 - EP)

Citation (search report)
See references of WO 2012150075A1

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

DOCDB simple family (publication)
DE 102011075054 A1 20121108; CN 103502625 A 20140108; CN 103502625 B 20170609; EP 2705242 A1 20140312; EP 2705242 B1 20160309; PL 2705242 T3 20160930; RU 2013153136 A 20150610; RU 2603713 C2 20161127; WO 2012150075 A1 20121108

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DE 102011075054 A 20110502; CN 201280021132 A 20120315; EP 12709851 A 20120315; EP 2012054529 W 20120315; PL 12709851 T 20120315; RU 2013153136 A 20120315