

Title (en)
FUEL DISTRIBUTOR

Title (de)
BRENNSTOFFVERTEILER

Title (fr)
RÉPARTITEUR DE CARBURANT

Publication
EP 2776700 A1 20140917 (DE)

Application
EP 12770472 A 20121004

Priority
• DE 102011086209 A 20111111
• EP 2012069555 W 20121004

Abstract (en)
[origin: WO2013068180A1] A fuel distributor (1) which serves, in particular, for fuel injection systems of mixture-compressing, spark-ignition internal combustion engines comprises a tubular main body (2), a first holder (7) and a second holder (8). Here, the first holder (7) is connected to the tubular main body (2) at a first fastening point (10) of the tubular main body (2). Moreover, the second holder (8) is connected to the tubular main body (2) at a second fastening point (12) of the tubular main body (2). The tubular main body (2) has at least one bend (4) at least between the first fastening point (10) and the second fastening point (12). As a result, a main body (2) of serpentine-shaped design can be realized. As a result, for example, thermal length changes of a cylinder head, on which the fuel distributor (1) is mounted, can be compensated for.

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

CPC (source: EP US)
F02M 55/02 (2013.01 - US); **F02M 55/025** (2013.01 - EP US); **F02M 69/465** (2013.01 - EP US)

Citation (search report)
See references of WO 2013068180A1

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 102011086209 A1 20130516; BR 112014011377 A2 20170606; CN 103946533 A 20140723; CN 103946533 B 20161109;
EP 2776700 A1 20140917; EP 2776700 B1 20180606; IN 3357CHN2014 A 20150703; KR 20140088558 A 20140710; PL 2776700 T3 20181031;
US 2015136084 A1 20150521; WO 2013068180 A1 20130516

DOCDB simple family (application)
DE 102011086209 A 20111111; BR 112014011377 A 20121004; CN 201280055232 A 20121004; EP 12770472 A 20121004;
EP 2012069555 W 20121004; IN 3357CHN2014 A 20140505; KR 20147012476 A 20121004; PL 12770472 T 20121004;
US 201214357364 A 20121004