

Title (en)

Holder system for fixing a component to a combustion engine

Title (de)

Haltersystem zur Befestigung einer Komponente an einer Brennkraftmaschine

Title (fr)

Système de support pour la fixation d'un composant sur un moteur à combustion interne

Publication

EP 2657504 B1 20180613 (DE)

Application

EP 13161905 A 20130402

Priority

DE 102012206911 A 20120426

Abstract (en)

[origin: EP2657504A1] The holder (1) has fastening unit (6) connectable with the internal combustion engine (3). The component such as fuel manifold is indirectly connected to the fastening unit by damping element (7) formed of elastic material. The damping element in a loading direction (11) is positively connected with a retaining element (8). The damping element is integrally with the base structure (5). An independent claim is included for fuel injection system.

IPC 8 full level

F02M 55/02 (2006.01); **F02M 61/14** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

F02M 55/025 (2013.01); **F02M 61/14** (2013.01); **F02M 69/465** (2013.01); **F02M 2200/09** (2013.01)

Citation (examination)

WO 2013149914 A1 20131010 - BOSCH GMBH ROBERT [DE]

Cited by

CN108223224A; US9714635B2; WO2014173560A1; WO2024120679A1

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)

EP 2657504 A1 20131030; EP 2657504 B1 20180613; DE 102012206911 A1 20131031; ES 2687048 T3 20181023; PL 2657504 T3 20181130

DOCDB simple family (application)

EP 13161905 A 20130402; DE 102012206911 A 20120426; ES 13161905 T 20130402; PL 13161905 T 20130402