

Title (en)
DAMPING DEVICE AND DAMPING ELEMENT

Title (de)
DÄMPFUNGSEINRICHTUNG UND DÄMPFUNGSELEMENT

Title (fr)
DISPOSITIF D'AMORTISSEMENT ET ELEMENT D'AMORTISSEMENT

Publication
EP 1989435 B1 20121205 (DE)

Application
EP 07702675 A 20070111

Priority
• EP 2007000180 W 20070111
• DE 102006009094 A 20060228

Abstract (en)
[origin: DE102006009094A1] The damper has a sub-functional section e.g. damping unit (102), exhibiting a metal cushion made of wire mesh, where the metal cushion exhibits coated wires and/or plastic fibers. The sub-functional section is formed circularly, where the sub-functional section exhibits approximately a rectangular or square cross section. Another sub-functional section e.g. inner ring (104) and outer ring (106), is provided for fixing an injector with respect to a cylinder head, where the damper is formed as a multipart structure.

IPC 8 full level
F02M 61/14 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)
F02M 61/14 (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 61/167** (2013.01 - EP US); **F02M 2200/09** (2013.01 - EP US); **F02M 2200/9015** (2013.01 - EP US); **F02M 2200/9023** (2013.01 - EP US); **F02M 2200/9053** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 102006009094 A1 20070830; EP 1989435 A1 20081112; EP 1989435 B1 20121205; JP 2009528471 A 20090806; JP 4963709 B2 20120627; US 2008314366 A1 20081225; US 7600502 B2 20091013; WO 2007098823 A1 20070907

DOCDB simple family (application)
DE 102006009094 A 20060228; EP 07702675 A 20070111; EP 2007000180 W 20070111; JP 2008556673 A 20070111; US 19960808 A 20080827