

Title (en)

PIEZO CONTROLLED INLET VALVE

Title (de)

PIEZOGESTEUERTES EINLASSVENTIL

Title (fr)

SOUPAPE D'ADMISSION À COMMANDE PIÉZOÉLECTRIQUE

Publication

**EP 3385533 A1 20181010 (EN)**

Application

**EP 18165539 A 20180403**

Priority

GB 201705399 A 20170404

Abstract (en)

A pumping head (12) of a fuel injection equipment high pressure pump (10), comprising an inlet valve member (56) and, a piezoceramic actuator (72) fixed in the head body (42) and to the valve member.

IPC 8 full level

**F02M 59/36** (2006.01)

CPC (source: EP GB)

**F02M 59/366** (2013.01 - EP); **F02M 59/367** (2013.01 - EP GB); **F02M 59/468** (2013.01 - GB); **F02M 2200/21** (2013.01 - GB)

Citation (search report)

- [X] DE 102012218552 A1 20140417 - CONTINENTAL AUTOMOTIVE GMBH [DE]
- [X] DE 102012210087 A1 20131219 - BOSCH GMBH ROBERT [DE]
- [X] DE 102008018018 A1 20091015 - CONTINENTAL AUTOMOTIVE GMBH [DE]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3385533 A1 20181010; EP 3385533 B1 20200729**; GB 201705399 D0 20170517; GB 2561189 A 20181010; GB 2561189 A8 20181128

DOCDB simple family (application)

**EP 18165539 A 20180403**; GB 201705399 A 20170404