

Title (en)

PISTON FOR A COMBUSTION ENGINE

Title (de)

KOLBEN FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

PISTON POUR UN MOTEUR À COMBUSTION INTERNE

Publication

EP 3508714 B1 20220330 (DE)

Application

EP 19150136 A 20190103

Priority

DE 102018100336 A 20180109

IPC 8 full level

F02F 3/22 (2006.01); **F01P 3/10** (2006.01)

CPC (source: EP)

F01M 1/08 (2013.01); **F01P 3/10** (2013.01); **F02F 3/22** (2013.01)

Citation (examination)

WO 2014137690 A1 20140912 - FEDERAL MOGUL CORP [US]

Citation (opposition)

Opponent : Federal-Mogul Nürnberg GmbH

- WO 2014137690 A1 20140912 - FEDERAL MOGUL CORP [US]
- DE 102017113014 A1 20171214 - KS KOLBENSCHMIDT GMBH [DE]
- DE 102008035698 A1 20100204 - MAHLE INT GMBH [DE]
- DE 102014219821 A1 20160331 - SIEMENS AG [DE]
- KR 20150099102 A 20150831 - DOOSAN INFRACORE CO LTD [KR]
- DE 102011106379 A1 20130110 - MAHLE INT 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

DOCDB simple family (publication)

EP 3508714 A1 20190710; EP 3508714 B1 20220330; DE 102018100336 A1 20190711

DOCDB simple family (application)

EP 19150136 A 20190103; DE 102018100336 A 20180109