

Title (en)

VENTILATION DEVICE FOR A COMBUSTION ENGINE AND COMBUSTION ENGINE

Title (de)

ENTLÜFTUNGSEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE SOWIE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE PURGE D'AIR POUR UN MOTEUR A COMBUSTION INTERNE ET MOTEUR A COMBUSTION INTERNE

Publication

**EP 3034820 A3 20160713 (DE)**

Application

**EP 15197833 A 20151203**

Priority

DE 102014225817 A 20141215

IPC 8 full level

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CPC (source: EP)

**F01M 13/02** (2013.01); **F01M 13/022** (2013.01); **F01M 13/04** (2013.01); **F01M 2013/027** (2013.01); **F01M 2013/0433** (2013.01)

Citation (search report)

- [X] DE 102012220800 A1 20140515 - MAHLE INT GMBH [DE]
- [X] DE 4239108 A1 19940526 - OPEL ADAM AG [DE]
- [X] DE 102004013763 A1 20051013 - AUDI AG [DE]
- [X] DE 102006019636 A1 20071031 - MAHLE INT GMBH [DE]
- [X] DE 102008029904 A1 20091231 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by

CN114251156A; CN113738528A; DE102021108393B3; WO2022207247A1

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 3034820 A2 20160622; EP 3034820 A3 20160713**; DE 102014225817 A1 20160616; DE 102014225817 B4 20221006

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