

Title (en)
EXHAUST PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

Title (de)
ABGASREINIGUNGSVORRICHTUNG FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
DISPOSITIF DE PURIFICATION DES GAZ D'ÉCHAPPEMENT POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 2716884 A4 20141203 (EN)

Application
EP 11866883 A 20110602

Priority
JP 2011062704 W 20110602

Abstract (en)
[origin: EP2716884A1] An object is to suppress any deviation of an addition agent to be supplied into an exhaust gas discharged from an internal combustion engine so that the addition agent is dispersed more uniformly. For this purpose, there is provided an exhaust gas purification apparatus for an internal combustion engine, comprising an exhaust gas purification catalyst which is provided for an exhaust gas passage of the internal combustion engine; a supply unit which supplies an addition agent to the exhaust gas purification catalyst; and a dispersing unit (5) which is provided between the exhaust gas purification catalyst and the supply unit and which disperses the addition agent; wherein the dispersing unit (5) includes a first gas flow forming portion (54) and a second gas flow forming portion (55); and the first gas flow forming portion (54) and the second gas flow forming portion (55) are formed so that a first gas flow having passed through the first gas flow forming portion (54) and a second gas flow having passed through the second gas flow forming portion (54) interfere with each other.

IPC 8 full level
F01N 3/08 (2006.01); **F01N 3/24** (2006.01); **F01N 3/36** (2006.01)

CPC (source: EP US)
B01F 23/2132 (2022.01 - EP); **B01F 25/3131** (2022.01 - EP); **B01F 25/4316** (2022.01 - EP US); **B01F 25/431974** (2022.01 - EP); **F01N 3/2892** (2013.01 - EP); **F01N 3/206** (2013.01 - EP); **F01N 3/2066** (2013.01 - EP); **F01N 2240/20** (2013.01 - EP); **F01N 2610/00** (2013.01 - EP)

Citation (search report)

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- See references of WO 2012164722A1

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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 2716884 A1 20140409; EP 2716884 A4 20141203; JP WO2012164722 A1 20140731; WO 2012164722 A1 20121206

DOCDB simple family (application)
EP 11866883 A 20110602; JP 2011062704 W 20110602; JP 2013517777 A 20110602