

Title (en)

EXHAUST TREATMENT DEVICE COMPRISING AN INJECTOR FOR SUPPLYING A FLUID

Title (de)

ABGASBEHANDLUNGSVORRICHTUNG MIT EINEM INJEKTOR ZUR ZUFUHR EINES FLUIDS

Title (fr)

DISPOSITIF DE TRAITEMENT DE GAZ D'ÉCHAPPEMENT MUNI D'UN INJECTEUR D'AMENÉE D'UN FLUIDE

Publication

EP 2668383 A1 20131204 (DE)

Application

EP 12700829 A 20120120

Priority

- DE 102011009620 A 20110128
- EP 2012050825 W 20120120

Abstract (en)

[origin: WO2012101041A1] The invention relates to a device (17) comprising an exhaust treatment device (1) for purifying the exhaust gases of an internal combustion engine (2). Said exhaust treatment device comprises at least one injector (3) for supplying a fluid to the exhaust gas treatment device (1) and is equipped with at least one fan (4) that permits ambient air to be actively delivered to the injector (3) on demand, in order to cool said injector (3).

IPC 8 full level

F01N 3/20 (2006.01); **F01N 9/00** (2006.01)

CPC (source: EP US)

F01N 3/2066 (2013.01 - EP US); **F01N 3/36** (2013.01 - US); **F01N 9/00** (2013.01 - EP US); **F01N 2260/022** (2013.01 - EP US); **F01N 2610/02** (2013.01 - EP US); **F01N 2610/11** (2013.01 - EP US); **F01N 2610/1453** (2013.01 - EP US); **F01N 2900/08** (2013.01 - EP US); **F01N 2900/10** (2013.01 - EP US); **F01N 2900/1811** (2013.01 - EP US); **Y02A 50/20** (2017.12 - EP US); **Y02T 10/12** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/6525** (2015.04 - EP US)

Citation (search report)

See references of WO 2012101041A1

Citation (examination)

JP 2008232089 A 20081002 - NISSAN DIESEL MOTOR CO

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)

DE 102011009620 A1 20120802; EP 2668383 A1 20131204; JP 2014505202 A 20140227; US 2013306156 A1 20131121; WO 2012101041 A1 20120802

DOCDB simple family (application)

DE 102011009620 A 20110128; EP 12700829 A 20120120; EP 2012050825 W 20120120; JP 2013550836 A 20120120; US 201313952828 A 20130729