

Title (en)

DEVICE FOR PURIFYING EXHAUST GASES, EXHAUST LINE COMPRISING SAID DEVICE

Title (de)

VORRICHTUNG ZUR REINIGUNG VON ABGASEN, UND ABGASLEITUNG, DIE EINE SOLCHE VORRICHTUNG UMFASST

Title (fr)

DISPOSITIF DE PURIFICATION DES GAZ D'ÉCHAPPEMENT, LIGNE D'ÉCHAPPEMENT COMPRENANT UN TEL DISPOSITIF

Publication

**EP 3085913 B1 20171011 (FR)**

Application

**EP 15305613 A 20150422**

Priority

EP 15305613 A 20150422

Abstract (en)

[origin: KR20160125899A] A purification device comprises: a first purification member (20) comprising a first substrate (22) having a first perimeter; a second purification member (24) comprising a second substrate (26) having a second perimeter; the first and second purification members being disposed side by side, so that respective first and second surfaces (42, 44) of the first and second substrates are placed facing each other. The first surface (42) has a first width greater than 7% of the first perimeter, the second surface (44) having a second width greater than 7% of the second perimeter, the first and second surfaces having respective co-adapted shapes so that at least one of the first and second surfaces is separated at any point from the other of the first and second surfaces by a distance of less than 30 mm, preferably less than 25 mm. The present invention aims to propose a more compact purification device.

IPC 8 full level

**F01N 3/28** (2006.01); **F01N 13/00** (2010.01); **F01N 13/08** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP)

**F01N 3/28** (2013.01); **F01N 3/2839** (2013.01); **F01N 13/009** (2014.06); **F01N 13/08** (2013.01); **F01N 3/2853** (2013.01); **F01N 3/2878** (2013.01); **F01N 13/1827** (2013.01); **F01N 2250/02** (2013.01); **F01N 2250/12** (2013.01); **F01N 2250/14** (2013.01); **F01N 2260/10** (2013.01); **F01N 2340/02** (2013.01); **F01N 2470/10** (2013.01); **F01N 2470/20** (2013.01); **F01N 2470/22** (2013.01); **F01N 2490/16** (2013.01)

Cited by

JP2020094564A; EP3702592A1; US11982219B2; US11828214B2; US11300030B2; US11560821B2; WO2018138242A1; DE112018000554T5

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 3085913 A1 20161026**; **EP 3085913 B1 20171011**; KR 101832603 B1 20180226; KR 20160125899 A 20161101

DOCDB simple family (application)

**EP 15305613 A 20150422**; KR 20160048052 A 20160420