

Title (en)

EXHAUST GAS COLLECTION AND PURIFICATION SYSTEM

Title (de)

SYSTEM ZUR ABGASSAMMLUNG UND -REINIGUNG

Title (fr)

SYSTÈME DE COLLECTE ET D'ÉPURATION DE GAZ D'ÉCHAPPEMENT

Publication

EP 2861844 A1 20150422 (FR)

Application

EP 13727250 A 20130503

Priority

- FR 1255301 A 20120607
- FR 2013050991 W 20130503

Abstract (en)

[origin: WO2013182770A1] The invention concerns a system (10) for collecting and purifying exhaust gas, comprising; - an exhaust manifold (11) mounted downstream of an internal combustion engine; and - a catalytic converter (12); characterized in that the manifold comprises a substantially hemispherical gas outlet (15) on the periphery of a circular opening, and in that the catalytic converter (12) comprises a substantially hemispherical inlet (26) adapted to the hemispherical outlet of the manifold (11), the manifold and the catalytic converter being produced by the assembly of half-shells obtained by swaging.

IPC 8 full level

F01N 13/10 (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP)

F01N 13/10 (2013.01); **F01N 13/1888** (2013.01)

Citation (search report)

See references of WO 2013182770A1

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)

WO 2013182770 A1 20131212; EP 2861844 A1 20150422; EP 2861844 B1 20160713; FR 2991714 A1 20131213; FR 2991714 B1 20170609; IN 10435DEN2014 A 20150821

DOCDB simple family (application)

FR 2013050991 W 20130503; EP 13727250 A 20130503; FR 1255301 A 20120607; IN 10435DEN2014 A 20141208