

Title (en)
CATALYTIC CONVERTER UNIT AND EXHAUST GAS CATALYTIC CONVERTER

Title (de)
KATALYSATOREINHEIT UND ABGASKATALYSATOR

Title (fr)
UNITÉ CATALYTIQUE ET POT CATALYTIQUE

Publication
EP 3277936 A1 20180207 (DE)

Application
EP 16711639 A 20160323

Priority
• DE 102015004007 A 20150330
• DE 102015219827 A 20151013
• EP 2016056438 W 20160323

Abstract (en)
[origin: WO2016156163A1] Catalytic converter unit (10) for an exhaust gas catalytic converter, in particular an SCR catalytic converter unit for an SCR catalytic converter of a marine diesel internal combustion engine, with multiple catalytic converter modules (11), wherein each catalytic converter module (11) has a ceramic catalytic converter body through which exhaust gas flows and a metallic casing (12) for the ceramic catalytic converter body, wherein the respective ceramic catalytic converter body is received in the respective metallic casing (12) and is surrounded in certain sections by the latter, wherein the catalytic converter modules (11) are positioned with first flowed-through ends on a support grating (13), wherein a counter-brace (14) is positioned at the opposite second flowed-through ends of the catalytic converter modules (11), and wherein the catalytic converter modules (11) are clamped between the support grating (13) and the counter-brace (14).

IPC 8 full level
F01N 3/20 (2006.01); **F01N 3/28** (2006.01); **F01N 13/00** (2010.01); **F01N 13/18** (2010.01)

CPC (source: CN EP KR US)
F01N 3/2066 (2013.01 - EP KR US); **F01N 3/2839** (2013.01 - CN EP KR US); **F01N 3/2842** (2013.01 - CN EP KR US);
F01N 13/017 (2014.06 - EP KR US); **F01N 13/18** (2013.01 - EP KR US); **F01N 13/1844** (2013.01 - US); **F01N 2330/06** (2013.01 - CN EP KR US);
F01N 2450/30 (2013.01 - CN EP KR US); **F01N 2590/02** (2013.01 - EP KR US); **Y02T 10/12** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2016156163A1

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)
DE 102015219827 A1 20161006; CN 107429596 A 20171201; CN 107429596 B 20200616; EP 3277936 A1 20180207;
JP 2018514682 A 20180607; JP 6513824 B2 20190515; KR 101943785 B1 20190129; KR 20170134543 A 20171206;
US 10400655 B2 20190903; US 2018094567 A1 20180405; WO 2016156163 A1 20161006

DOCDB simple family (application)
DE 102015219827 A 20151013; CN 201680019927 A 20160323; EP 16711639 A 20160323; EP 2016056438 W 20160323;
JP 2017550878 A 20160323; KR 20177031292 A 20160323; US 201615563250 A 20160323