

Title (en)
CATALYTIC CONVERTER REACTOR

Title (de)
KATALYSATORREAKTOR

Title (fr)
RÉACTEUR DE CATALYSEUR

Publication
EP 3010636 A1 20160427 (DE)

Application
EP 14742451 A 20140620

Priority
• AT 4942013 A 20130619
• AT 2014000129 W 20140620

Abstract (en)
[origin: WO2014201485A1] A catalytic converter reactor (1) having in-built catalytic converter modules (2), wherein the total flow impingement surface area provided by the catalytic converter elements (3) fitted in the catalytic converter modules is larger than the flow impingement surface area of the catalytic converter reactor, the module impingement surface area being defined by the catalytic converter module surfaces facing the main flow direction, and the catalytic converter modules being positioned so that the waste gas flows through the catalytic converter elements contained therein in a direction different from the flow direction on the intake and exit sides.

IPC 8 full level
B01J 19/24 (2006.01); **B01D 53/88** (2006.01); **F01N 3/28** (2006.01)

CPC (source: AT EP US)
B01D 53/94 (2013.01 - AT); **B01D 53/9431** (2013.01 - EP US); **B01J 19/2485** (2013.01 - EP US); **B01J 35/56** (2024.01 - AT); **F01N 3/2066** (2013.01 - EP US); **F01N 3/28** (2013.01 - EP US); **F01N 3/2839** (2013.01 - EP US); **F01N 3/2842** (2013.01 - AT); **F01N 13/017** (2014.06 - EP US); **F23J 15/02** (2013.01 - EP US); **F01N 2260/06** (2013.01 - EP US); **F01N 2260/14** (2013.01 - AT); **F23J 2215/10** (2013.01 - EP US); **F23J 2219/10** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2014201485A1

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

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WO 2014201485 A1 20141224; AT 514512 A1 20150115; BR 112015030121 A2 20170725; CN 105339081 A 20160217; CN 105339081 B 20190212; EP 3010636 A1 20160427; JP 2016529432 A 20160923; JP 6389516 B2 20180912; KR 20150058409 A 20150528; US 10155196 B2 20181218; US 2016144317 A1 20160526

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