

Title (en)

Static mixer for the treatment of exhaust gases and manufacturing method thereof

Title (de)

Statischer Mischer zur behandlung von Abgas und Verfahren zur dessen Herstellung

Title (fr)

Mixeur statique pour gaz d'échappement et son procédé de fabrication

Publication

**EP 2476877 A1 20120718 (EN)**

Application

**EP 11194926 A 20111221**

Priority

IT TO20101057 A 20101223

Abstract (en)

A static mixer (11) for the treatment of exhaust gases, including an annular support portion (13) and a plurality of radial vanes (15), which are radially arranged and have the rear ends (17) associated with said support portion (13) and the front ends (19) converging towards the centre ("C") of the mixer, wherein the vanes (15) have a shape twisted around the longitudinal axis ("R") of the vanes.

IPC 8 full level

**F01N 3/28** (2006.01)

CPC (source: EP US)

**B01F 25/4314** (2022.01 - EP US); **B01F 25/4315** (2022.01 - EP); **B01F 25/431974** (2022.01 - EP); **F01N 3/2892** (2013.01 - EP); **B01F 2215/0422** (2013.01 - EP); **F01N 2240/20** (2013.01 - EP)

Citation (applicant)

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- US 7533520 B2 20090519 - CHENG C RAYMOND [US], et al
- US 2009320453 A1 20091231 - SALANTA GABRIEL [US], et al
- US 2009266064 A1 20091029 - ZHENG GUANYU [US], et al

Citation (search report)

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- [X] FR 2937692 A3 20100430 - RENAULT SAS [FR]
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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)

**EP 2476877 A1 20120718; EP 2476877 B1 20150909**; IT 1403427 B1 20131017; IT TO20101057 A1 20120624

DOCDB simple family (application)

**EP 11194926 A 20111221**; IT TO20101057 A 20101223