

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 B1 20150909 (EN)

Application

EP 11194926 A 20111221

Priority

IT TO20101057 A 20101223

Abstract (en)

[origin: EP2476877A1] 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)

Cited by

JP2016079962A; CN112246102A; GB2550173A; CN108167051A

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 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