

Title (en)

Flexible, flat raw matrix for a catalyst, and corresponding catalyst

Title (de)

Flexible, flächige Rohmatrize für einen Katalysator, sowie entsprechender Katalysator

Title (fr)

Matrice brute flexible et plate pour un catalyseurm, ainsi qu'un catalyseur correspondant

Publication

EP 2568138 A3 20150610 (DE)

Application

EP 12179036 A 20120802

Priority

DE 102011081493 A 20110824

Abstract (en)

[origin: EP2568138A2] Flexible flat raw matrix (50), which is wound to a catalyst carrier (20), comprises at least two recesses, which are arranged adjacent to the raw matrix in a transverse direction, and are overlapped when viewed in the transverse direction. Independent claims are also included for: (1) a catalyst for purifying exhaust gases from an internal combustion engine, comprising the catalyst carrier, preferably a spirally wound flexible flat raw matrix; and (2) producing the above catalyst, comprising (a) providing the flexible flat raw matrix, (b) spirally winding the flexible flat raw matrix to the catalyst carrier, and (c) arranging the catalyst carrier in a casing tube (40).

IPC 8 full level

F01N 3/28 (2006.01); **F01N 13/00** (2010.01)

CPC (source: EP)

F01N 3/28 (2013.01); **F01N 3/281** (2013.01); **F01N 13/0097** (2014.06); **F01N 2260/08** (2013.01); **F01N 2330/02** (2013.01); **F01N 2330/04** (2013.01); **F01N 2330/32** (2013.01); **F01N 2450/22** (2013.01)

Citation (search report)

- [XII] DE 19504851 A1 19950824 - VOLKSWAGEN AG [DE]
- [XII] DE 19639633 A1 19980402 - EMITEC EMISSIONSTECHNOLOGIE [DE]
- [X] US 4886711 A 19891212 - FOLDVARY LESLIE A [US]
- [XII] JP S63134061 A 19880606 - CALSONIC CORP
- [X] DE 4306052 A1 19930902 - SANKEI GIKEN KOGYO KK [JP]
- [XII] US 5791043 A 19980811 - OKABE SHINICHI [JP], et al
- [A] JP 2007038140 A 20070215 - SHOWA AIRCRAFT IND
- [A] DE 2905241 A1 19800814 - BREMSHEY AG

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 2568138 A2 20130313; **EP 2568138 A3 20150610**; **EP 2568138 B1 20160928**; DE 102011081493 A1 20130228;
DE 102011081493 B4 20230511

DOCDB simple family (application)

EP 12179036 A 20120802; DE 102011081493 A 20110824