

Title (en)

Process and arrangement for fixing a catalyst carrier in an exhaust gas duct of an internal combustion engine

Title (de)

Verfahren und Anordnung zur Arretierung eines Katalysatorträgers in einem Abgaskanal einer Verbrennungskraftmaschine

Title (fr)

Procédé et arrangement pour fixer un support de catalyseur dans un conduit de gaz d'échappement d'un moteur à combustion interne

Publication

EP 1120551 A3 20040114 (DE)

Application

EP 01101528 A 20010124

Priority

DE 10003904 A 20000129

Abstract (en)

[origin: EP1120551A2] The method involves expanding a mat (16) between the catalyst support (12) and a catalyst casing (14), by heating. An electric current is used to generate the heat to expand the mat. The heating may be carried out inductively, using an induction oven, or directly, by passing electric current (I) through a part of the catalyst casing. Preferably, the current is passed before inserting the catalyst casing in the exhaust channel. An Independent claim is included for an arrangement for implementing the method.

IPC 1-7

F01N 3/28

IPC 8 full level

F01N 3/28 (2006.01)

CPC (source: EP)

F01N 3/2857 (2013.01)

Citation (search report)

- [X] WO 9307366 A1 19930415 - LEISTRITZ ABGASTECH [DE]
- [A] EP 0429246 A1 19910529 - GRACE W R & CO [US]
- [A] US 5569455 A 19961029 - FUKUI ISAO [JP], et al

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CN107387213A; CN108180061A; FR3098856A1; US10815851B1

Designated contracting state (EPC)

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EP 1120551 A2 20010801; EP 1120551 A3 20040114; EP 1120551 B1 20070321; AT E357584 T1 20070415; DE 10003904 A1 20010802; DE 50112211 D1 20070503

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