

Title (en)

MOULDED PART MADE OF MINERAL FIBRES PROVIDED WITH A BINDER FOR COVERING, IN A SOUND INSULATING WAY, A PERFORATED EXHAUST PIPE, AS WELL AS A METHOD OF MANUFACTURING IT

Publication

EP 0128050 B1 19880817 (FR)

Application

EP 84400270 A 19840209

Priority

DE 3304809 A 19830211

Abstract (en)

[origin: ES8500382A1] 1. Moulded body in one piece made of mineral fibres provided with a binder for covering a perforated exhaust pipe in a sound-absorbing manner and particularly for fitting to exhaust silencers of motor vehicles, comprising at least one receiving opening for the exhaust pipe and at least one interface disposed inside the moulded body made of mineral fibres and formed from two juxtaposed surfaces of mineral fibre layers, the said moulded body (2, 2a, 2b, 2c) being formed as it were of several pieces of fibres, the mineral fibre layers of which (5, 6 5a, 6a, 9a 5b, 6b 5c, 6c, 9c) are connected to each other by means of the interfaces (7 7a, 10a, 11a 7b 7c, 10c, 11c), which are orientated in relation to the receiving opening (3, 3a, 3c) in a main direction which is essentially radial or parallel to this direction, characterised in that the layers of mineral fibres are gripped and secured with adhesive at the interfaces (7 7a, 10a, 11a 7b 7c, 10c, 11c).

IPC 1-7

F01N 1/24; **F01N 7/18**

IPC 8 full level

F01N 1/24 (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP)

F01N 1/24 (2013.01); **F01N 13/18** (2013.01); **F01N 2310/02** (2013.01); **F01N 2310/04** (2013.01); **F01N 2450/28** (2013.01); **F01N 2470/02** (2013.01); **F01N 2470/10** (2013.01)

Cited by

FR2883921A1; CN115045733A; US11746682B2; WO2006106251A3

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

DE 3304809 A1 19840816; DE 3473491 D1 19880922; EP 0128050 A2 19841212; EP 0128050 A3 19860402; EP 0128050 B1 19880817; ES 529587 A0 19841101; ES 8500382 A1 19841101; FI 78970 B 19890630; FI 78970 C 19891010; FI 840549 A0 19840210; FI 840549 A 19840812; PT 78093 A 19840301; PT 78093 B 19860327

DOCDB simple family (application)

DE 3304809 A 19830211; DE 3473491 T 19840209; EP 84400270 A 19840209; ES 529587 A 19840209; FI 840549 A 19840210; PT 7809384 A 19840210