

Title (en)
IMPROVEMENTS IN OR RELATING TO INSERTS FOR SILENCERS

Publication
EP 0074220 A3 19840516 (EN)

Application
EP 82304500 A 19820826

Priority
GB 8126003 A 19810826

Abstract (en)
[origin: EP0074220A2] An insert for use in an internal combustion engine silencer consisting of a central cylindrical former, an outer portion surrounding the former formed of a fibrous material in which the fibres are heat resistant such as basalt fibres, and an outer covering of sheet or scrim material for retaining the fibrous material of the outer portion in position relatively to the former. The insert is formed by inserting a length of the fibrous material loosely around the former placing the fibrous material and former into a loop of an endless belt, applying tension thereto and rotating the endless belt to roll the fibrous material around the former and an outer covering of sheet or scrim material is wrapped around the rolled insert to retain the shape thereof.

IPC 1-7
F01N 1/24; **B65H 81/00**

IPC 8 full level
D04H 1/00 (2006.01); **F01N 1/24** (2006.01)

CPC (source: EP)
D04H 1/00 (2013.01); **D04H 1/4218** (2013.01); **F01N 1/24** (2013.01); **F01N 2450/06** (2013.01)

Citation (search report)

- [X] GB 2065596 A 19810701 - LANCASTER GLASS FIBRE LTD
- [X] GB 1503644 A 19780315 - FOGARTY & CO LTD E
- [X] US 2471595 A 19490531 - WHITE ALBERT R
- [A] GB 841828 A 19600720 - EBERSPAECHER WALTER, et al
- [A] DE 2827237 A1 19790215 - TOYOTA MOTOR CO LTD [JP], et al
- [A] GB 447376 A 19360518 - NORMAN HASTING SERVAIS
- [A] DE 2649979 A1 19780503 - METZGER KLAUS
- [A] GB 704329 A 19540217 - LATHOM ENGINEERING COMPANY LTD, et al
- [A] US 2834425 A 19580513 - EMANUEL RAWSON
- [A] US 2583366 A 19520122 - ENGELS WILLARD H
- [A] FR 1461528 A 19660225 - FRANCISOL

Cited by
EP0434895A1; GB2267731A; AU599686B2; EP1217184A1; EP0957240A1; US6467571B2; WO9119081A1; WO2006095373A1; US6588105B1; WO0042301A1

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0074220 A2 19830316; **EP 0074220 A3 19840516**; GB 2106591 A 19830413; GB 2106591 B 19850911

DOCDB simple family (application)
EP 82304500 A 19820826; GB 8224472 A 19820826