

Title (en)

Sound-attenuating housing for pneumatic drills.

Title (de)

Schalldämpfendes Gehäuse für pneumatische Bohrhämmer.

Title (fr)

Carter insonorisant pour marteau pneumatique de foration.

Publication

EP 0147262 A1 19850703 (FR)

Application

EP 84402259 A 19841109

Priority

FR 8317900 A 19831110

Abstract (en)

[origin: US4624339A] The internal absorbent layer (9) of the casing delimits an internal volume (10) around the drill (1), which volume is divided on either side of the exhaust orifice (3) by two transverse partitions (13A, 13B) into three successive expansion chambers (11A, 11B, 11C) between the exhaust orifice (3) and the outlet opening (12) to the air outside the casing.

Abstract (fr)

La couche absorbante intérieure (9) du carter limite autour du marteau (1) un volume intérieur (10) qui est divisé de part et d'autre de l'orifice d'échappement (3) par deux cloisons transversales (13A, 13B) en trois chambres de détente successives (11A, 11B, 11C) entre l'orifice d'échappement (3) et l'ouverture de sortie (12) de l'air en dehors du carter.

IPC 1-7

B25D 17/11

IPC 8 full level

B25D 17/00 (2006.01); **B25D 17/11** (2006.01); **B25D 17/12** (2006.01); **E21B 1/00** (2006.01); **E21B 1/30** (2006.01); **F02B 77/13** (2006.01)

CPC (source: EP US)

B25D 17/00 (2013.01 - EP US); **B25D 17/11** (2013.01 - EP US); **B25D 17/12** (2013.01 - EP US); **F02B 77/13** (2013.01 - EP US); **Y10S 173/02** (2013.01 - EP US)

Citation (search report)

- [X] FR 2425301 A1 19791207 - SIG SCHWEIZ INDUSTRIEGES [CH]
- [Y] EP 0062009 A2 19821006 - PANDA SRL [IT]
- [A] FR 2209311 A5 19740628 - MACO MEUDON SA [FR]
- [A] EP 0009229 A1 19800402 - GUNNING SAMUEL DAVID
- [A] US 3481411 A 19691202 - WOOD JOHN W
- [A] DE 2913330 A1 19801016 - TURMAG TURBO MASCH AG
- [A] FR 1416101 A 19651029 - CONS MINING & SMELTING CO
- [A] FR 1401587 A 19650604
- [A] FR 2420043 A1 19791012 - MACO MEUDON SA [FR]
- [A] FR 2240652 A5 19750307 - SPIT SOC PROSPECT INV TECHN [FR]
- [Y] BAUMASCHINE UND BAUTECHNIK, vol. 12, no. 9, septembre 1965, pages 421-423, Wiesbaden, DE; G. GARBOTZ: "Lärmabwehr in Baubetrieb und bei Baumaschinen"
- [Y] GLÜCKAUF, vol. 118, no. 23, décembre 1982, pages 1181-1183, Bochum, DE; B. BÄRENDORF: "Stand der Lärminderung im Steinkohlenbergbau an der Ruhr"

Cited by

EP0935058A3; EP0695602A1; EP2105261A1; WO9117870A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

US 4624339 A 19861125; AT E34933 T1 19880615; AU 3529784 A 19850516; AU 562897 B2 19870618; DE 3471897 D1 19880714; EP 0147262 A1 19850703; EP 0147262 B1 19880608; ES 291672 U 19860501; ES 291672 Y 19870116; FR 2554752 A1 19850517; FR 2554752 B1 19861226; JP S60173288 A 19850906; ZA 848781 B 19850731

DOCDB simple family (application)

US 66773584 A 19841102; AT 84402259 T 19841109; AU 3529784 A 19841109; DE 3471897 T 19841109; EP 84402259 A 19841109; ES 291672 U 19841106; FR 8317900 A 19831110; JP 23424184 A 19841108; ZA 848781 A 19841109