

Title (en)
Device for sound attenuation of drills.

Title (de)
Schalldämpfer für Bohrer.

Title (fr)
Dispositif d'insonorisation d'un fleuret de foration.

Publication
EP 0141728 A2 19850515 (FR)

Application
EP 84402129 A 19841023

Priority
FR 8316879 A 19831024

Abstract (en)
[origin: ES282200U] A soundproofing device for a drill which has an elongate shaft extending between a bit and a forged collar for attaching it to a pneumatic hammer comprises a sheath formed by a semi-rigid tube of plastics material adapted to surround the shaft without touching it. This sheath extends between sealed first mounting ring near the bit and second mounting ring near the hammer. These mounting ring are free to move relative to the shaft in rotation and in translation. Tests show a reduction in the noise level 5 m from the drill from 102 dBA to 89 dBA.

Abstract (fr)
Un fourreau (13) en tube de matière plastique semi-rigide est monté libre en rotation et en translation autour de la tige allongée (2) du fleuret (1) entre un moyen de montage étanche (15, 17) proche du taillant (7) associée à une portée cylindrique (12) et un moyen de montage (18) proche du moteur (5); ainsi le bruit diffusé par le fleuret est réduit de 102 dB(A) à 89 dB(A) à une distance de 5 m.

IPC 1-7
B25D 17/11; **E21B 17/00**

IPC 8 full level
B25D 17/11 (2006.01); **E21B 1/38** (2006.01); **E21B 17/00** (2006.01); **E21B 19/24** (2006.01)

CPC (source: EP US)
B25D 17/11 (2013.01 - EP US); **E21B 17/006** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0141728 A2 19850515; **EP 0141728 A3 19850619**; **EP 0141728 B1 19891220**; AT E48783 T1 19900115; AU 3427984 A 19850502; AU 567589 B2 19871126; CA 1235074 A 19880412; DE 3480772 D1 19900125; ES 282200 U 19850401; ES 282200 Y 19851101; FR 2553697 A1 19850426; FR 2553697 B1 19860314; JP S60133193 A 19850716; US 4591009 A 19860527; ZA 848261 B 19850626

DOCDB simple family (application)
EP 84402129 A 19841023; AT 84402129 T 19841023; AU 3427984 A 19841016; CA 466122 A 19841023; DE 3480772 T 19841023; ES 282200 U 19841023; FR 8316879 A 19831024; JP 22138284 A 19841023; US 66262984 A 19841019; ZA 848261 A 19841023