

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)

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