

Title (en)
Percussion device.

Title (de)
Schlaggerät.

Title (fr)
Appareil à percussion.

Publication
EP 0152376 A1 19850821 (FR)

Application
EP 85810037 A 19850204

Priority
CH 60584 A 19840209

Abstract (en)
[origin: US4723610A] The percussion mechanism of this device, comprising a cylinder, a free piston, an anvil, a tool holder in which a bundle of needles is disposed, the heads of which are applied to the anvil, is mounted to slide in a tubular housing between two springs used to insulate dynamically the percussion mechanism of the housing and of the handle which holds it. The cylinder is mounted in the housing by a suspension comprising two annular seals and the cylinder is set with a clearance so that the centering provided by the seals insulates mechanically the cylinder of the housing and reduces the transmission of vibrations.

Abstract (fr)
Le mécanisme de percussion de cet appareil, comprenant un cylindre (1), un piston libre (6), une enclume (18), un porte-outil (19) dans lequel est disposé un faisceau d'aiguilles (21) dont les têtes (21a) sont destinées à être appliquées contre l'enclume (18), est monté coulissant dans un carter tubulaire (10) entre deux ressorts (20, 22) servant à isoler dynamiquement ce mécanisme de percussion de ce carter (10) et de la poignée (14) qui sert à le tenir. Le cylindre (1) est monté dans ce carter par une suspension constituée de deux joints annulaires (11) et ce cylindre est ajusté avec un jeu de manière que le centrage conféré par les joints (11) isole mécaniquement ce cylindre du carter et réduit la transmission des vibrations.

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B25D 17/24; **B25D 9/04**

IPC 8 full level
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Citation (search report)

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

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EP 0152376 A1 19850821; **EP 0152376 B1 19880615**; AT E35101 T1 19880715; AU 3853585 A 19850815; CA 1275601 C 19901030; CH 655682 B 19860515; DE 3563319 D1 19880721; DK 55485 A 19850810; DK 55485 D0 19850207; FI 80840 B 19900430; FI 80840 C 19900810; FI 850547 A0 19850208; FI 850547 L 19850810; JP S60180784 A 19850914; NO 159478 B 19880926; NO 159478 C 19890104; NO 850479 L 19850812; US 4723610 A 19880209; ZA 85948 B 19850925

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