

Title (en)
HAMMER DRILL AND/OR PERCUSSION HAMMER WITH NO-LOAD OPERATION CONTROL THAT DEPENDS ON APPLICATION PRESSURE

Title (de)
BOHR- UND/ODER SCHLAGHAMMER MIT ANPRESSDRUCKABHÄNGIGER LEERLAUFSTEUERUNG

Title (fr)
MARTEAU PERFORATEUR ET/OU A PERCUSSION A COMMANDE DE RALENTI DEPENDANT DE LA PRESSION APPLIQUEE

Publication
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Application
EP 02777083 A 20020912

Priority
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• EP 0210253 W 20020912

Abstract (en)
[origin: WO03024672A1] A percussion hammer drill and/or percussion hammer that can be guided by a handgrip (2) comprises a pneumatic spring striking mechanism with a reciprocating drive piston (11) and with a percussion piston (12) that can be operated by the drive piston. A cavity (13) for accommodating a pneumatic spring is provided between the drive piston (11) and the percussion piston (12). The cavity (13) can be connected to the surrounding area via a no-load operation channel (23, 24, 25) in order to achieve a no-load operation. To this end, a valve (19) is situated inside the no-load operation channel and can be controlled according to an application force that can be applied to the handgrip (2) by the operator.

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WO 03024672 A1 20030327; DE 10145464 A1 20030410; DE 10145464 C2 20030828; DE 50203692 D1 20050825; EP 1425138 A1 20040609; EP 1425138 B1 20050720; ES 2243767 T3 20051201; JP 2005502488 A 20050127; JP 4243539 B2 20090325; US 2004177981 A1 20040916; US 6913088 B2 20050705

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