

Title (en)
PERCUSSION SUPPORTED HAND DRILL

Title (de)
SCHLAGUNTERSTÜTZTE HANDBOHRMASCHINE

Title (fr)
PERCEUSE A MAIN A PERCUSSION

Publication
EP 1242216 A1 20020925 (DE)

Application
EP 00984895 A 20001118

Priority
• DE 0004084 W 20001118
• DE 19961586 A 19991221

Abstract (en)
[origin: WO0145908A1] The invention relates to a schlag supported hand drill having a tool holder (10) which can be powered by a motor (14) having a roataion frequency and a Schlag frequency. The rotataional fequency and the Schlag frequency are matched with each other in such a way that at a certain rotational frequency ein bei einem Schlag aufgespannter Winkelbereich (w) between a groove (18) and an adjacent groove (20) in the circumferential direction with subsequent Schlägen and the same groove angle distances alpha abarbeitbar ist wie bei einer kleineren VErgleichsdrehfrequenz.

IPC 1-7
B25D 16/00

IPC 8 full level
B23B 45/16 (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP)
B25D 16/00 (2013.01); **B25D 2211/068** (2013.01); **B25D 2216/003** (2013.01)

Citation (search report)
See references of WO 0145908A1

Designated contracting state (EPC)
CH DE GB LI

DOCDB simple family (publication)
WO 0145908 A1 20010628; **WO 0145908 A9 20040429**; CN 100346935 C 20071107; CN 1545443 A 20041110; DE 19961586 A1 20010705; DE 50013476 D1 20061026; EP 1242216 A1 20020925; EP 1242216 B1 20060913; JP 2004509772 A 20040402

DOCDB simple family (application)
DE 0004084 W 20001118; CN 00817558 A 20001118; DE 19961586 A 19991221; DE 50013476 T 20001118; EP 00984895 A 20001118; JP 2001546439 A 20001118