

Title (en)

DRILLING AND/OR PERCUSSIVE HAMMER WITH NO-LOAD OPERATION CONTROL

Title (de)

BOHR- UND/ ODER SCHLAGHAMMER MIT LEERLAUFSTEUERUNG

Title (fr)

MARTEAU PERFORATEUR ET/OU MARTEAU PNEUMATIQUE A COMMANDE DE LA MARCHE A VIDE

Publication

EP 1893388 B1 20081126 (DE)

Application

EP 06754484 A 20060621

Priority

- EP 2006005978 W 20060621
- DE 102005028918 A 20050622

Abstract (en)

[origin: DE102005028918A1] The hammer comprises a handle and a hammer housing containing a pneumatic spring percussive mechanism which can be ventilate via a no-load operation duct (13, 15, 17) opened and closed by a valve (16, 17) operated by pressing the handle and controlled by a delay device (18, 21) so that the valve only reaches the detected pressing force position after a time lag.

IPC 8 full level

B25D 11/00 (2006.01); **B25D 11/12** (2006.01); **B25D 17/04** (2006.01)

CPC (source: EP US)

B25D 11/005 (2013.01 - EP US); **B25D 11/125** (2013.01 - EP US); **B25D 17/043** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2217/0019** (2013.01 - EP US); **B25D 2250/035** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US); **B25D 2250/371** (2013.01 - EP US)

Cited by

US9925653B2

Designated contracting state (EPC)

CH DE ES IT LI SE

DOCDB simple family (publication)

DE 102005028918 A1 20061228; CN 101203358 A 20080618; CN 101203358 B 20120530; DE 502006002207 D1 20090108; EP 1893388 A1 20080305; EP 1893388 B1 20081126; ES 2314919 T3 20090316; JP 2008543588 A 20081204; JP 5096327 B2 20121212; US 2010163260 A1 20100701; US 8235136 B2 20120807; WO 2006136401 A1 20061228

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