

Title (en)

Drilling and/or chipping hammer with electro-pneumatic percussion mechanism and device for variable setting of the impact energy

Title (de)

Bohr- und/oder Meisselhammer mit elektropneumatischem Schlagwerk und einer Vorrichtung zur variablen Einstellung der Schlagenergie

Title (fr)

Marteau perforateur et/ou burineur avec mécanisme de percussion électro-pneumatique et dispositif pour le réglage variable de l'énergie d'impact

Publication

EP 1584420 B1 20140611 (DE)

Application

EP 04101429 A 20040407

Priority

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Abstract (en)

[origin: EP1584420A1] The drill includes an electromagnetic striking mechanism (15) with a flying piston (4) and an excitation piston (3), through which passes a controllable valve (29) to alter the pressure in the drive pressure cushion (20). This valve may be a slide valve.

IPC 8 full level

B25D 11/00 (2006.01); **B25D 11/12** (2006.01); **B25D 17/06** (2006.01)

CPC (source: EP)

B25D 11/005 (2013.01); **B25D 11/125** (2013.01); **B25D 17/06** (2013.01); **B25D 2217/0023** (2013.01); **B25D 2250/035** (2013.01)

Cited by

CN105592986A; EP4126463A4; DE102009015729A1; DE102009015732A1; DE102009015730A1; DE102008005831A1

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