

Title (en)
HAND-HELD POWER TOOL

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
OUTIL ÉLECTRIQUE PORTATIF

Publication
EP 4045231 A1 20220824 (DE)

Application
EP 20781588 A 20201007

Priority
• EP 19203810 A 20191017
• EP 2020078041 W 20201007

Abstract (en)
[origin: WO2021073960A1] A control method for a hand-held power tool comprises the steps: of driving a striking mechanism with an electric motor, wherein an exciter piston of the pneumatic striking mechanism is driven periodically by the electric motor and a striking piston of the striking mechanism is coupled to the exciter piston via a pneumatic chamber; detecting the acceleration of a machine housing along a striking direction of the striking piston in different phases of the movement of the exciter piston; and controlling a rotational speed of an electric motor according to the detected acceleration in the different phases.

IPC 8 full level
B25D 11/12 (2006.01); **B25D 11/00** (2006.01)

CPC (source: EP US)
B25D 11/005 (2013.01 - EP US); **B25D 11/125** (2013.01 - EP US); **B25D 2250/095** (2013.01 - US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/201** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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EP 19203810 A 20191017; EP 2020078041 W 20201007; EP 20781588 A 20201007; US 202017760675 A 20201007