

Title (en)
CHISELLING HANDHELD POWER TOOL

Title (de)
MEISSELNDE HANDWERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL PORTATIVE DE BURINAGE

Publication
EP 3898116 B1 20231122 (DE)

Application
EP 19828542 A 20191220

Priority
• EP 18214666 A 20181220
• EP 2019025465 W 20191220

Abstract (en)
[origin: WO2020126089A1] The invention relates to a chiselling hand-held power tool (1) having a tool holder (2) for holding a tool (3) on a working axis (7), an electric motor (8), and a hammer mechanism (4). The hammer mechanism has an excitation piston (12) coupled to the motor, a hammer (13) guided on the working axis and a pneumatic chamber (18) closed by the excitation piston and the hammer for coupling a movement of the hammer to the excitation piston. The rotational speed of the electric motor corresponds to at least 20 times the blow rate of the hammer mechanism.

IPC 8 full level
B25D 11/06 (2006.01); **B25D 11/12** (2006.01)

CPC (source: EP US)
B25D 11/062 (2013.01 - EP); **B25D 11/125** (2013.01 - EP US); **B25D 11/062** (2013.01 - US); **B25D 2250/095** (2013.01 - EP US); **B25D 2250/391** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3670095 A1 20200624; CN 113165151 A 20210723; CN 113165151 B 20240423; EP 3898116 A1 20211027; EP 3898116 B1 20231122; US 11364611 B2 20220621; US 2021402583 A1 20211230; WO 2020126089 A1 20200625

DOCDB simple family (application)
EP 18214666 A 20181220; CN 201980079537 A 20191220; EP 19828542 A 20191220; EP 2019025465 W 20191220; US 201917291216 A 20191220