

Title (en)

HAND-HELD POWER TOOL WITH A MODE-SETTING DEVICE

Title (de)

HANDWERKZEUGMASCHINE MIT EINER MODUSEINSTELLEINRICHTUNG

Title (fr)

MACHINE-OUTIL PORTATIVE COMPRENANT UN DISPOSITIF DE RÉGLAGE DE MODE

Publication

EP 3720659 B1 20230607 (DE)

Application

EP 18808336 A 20181126

Priority

- DE 102017222006 A 20171206
- EP 2018082473 W 20181126

Abstract (en)

[origin: WO2019110339A1] The invention relates to a hand-held power tool comprising a housing (110), in which a drive motor (120) and a transmission (150) that can be driven by the drive motor (120) in order to drive an output shaft (205) are arranged, wherein a mode-setting device (160) is provided which has at least one rotatable actuation element (240) for setting an operating mode, a torque-adjusting element (220) for adjusting a torque, and a gear changing element (230) for changing gears of the transmission (150). The torque adjusting element (220) and the gear changing element (230) are releasably coupled together during a gear changing process.

IPC 8 full level

B25F 5/00 (2006.01)

CPC (source: EP US)

B25B 21/00 (2013.01 - US); **B25D 16/006** (2013.01 - US); **B25F 5/001** (2013.01 - EP US); **B25D 2216/0023** (2013.01 - US);
B25D 2216/0038 (2013.01 - US); **B25D 2250/165** (2013.01 - US)

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)

DE 102017222006 A1 20190606; CN 111465472 A 20200728; CN 111465472 B 20231222; EP 3720659 A1 20201014;
EP 3720659 B1 20230607; US 11413737 B2 20220816; US 2021187719 A1 20210624; WO 2019110339 A1 20190613

DOCDB simple family (application)

DE 102017222006 A 20171206; CN 201880078998 A 20181126; EP 18808336 A 20181126; EP 2018082473 W 20181126;
US 201816768687 A 20181126