

Title (en)
Handheld machine tool with an electronically commutated electric motor

Title (de)
Handwerkzeugmaschine mit einem elektronisch kommutierten Elektromotor

Title (fr)
Machine-outil portative dotée d'un moteur électrique commuté électroniquement

Publication
EP 2933063 B1 20170920 (DE)

Application
EP 14197088 A 20141210

Priority
DE 102014202218 A 20140206

Abstract (en)
[origin: US2015217422A1] A hand power tool includes at least one electric-motor drive that is configured to act upon at least one motor shaft, and that is accommodated by a first housing part, the motor shaft and the first housing part defining a first common axis. The electric-motor drive is an electronically commutated electric motor. The hand power tool further includes at least one output shaft configured to drive a tool in an oscillating manner, and at least one second housing part that is configured to accommodate a rechargeable battery, the rechargeable battery and the second housing part defining a second common axis.

IPC 8 full level
B25F 5/02 (2006.01)

CPC (source: CN EP US)
B24B 23/04 (2013.01 - US); **B24B 47/00** (2013.01 - US); **B25F 5/00** (2013.01 - US); **B25F 5/001** (2013.01 - CN); **B25F 5/02** (2013.01 - EP US)

Cited by
US11867224B2; US11931851B2

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)
US 10226850 B2 20190312; US 2015217422 A1 20150806; CN 104827446 A 20150812; CN 104827446 B 20200821;
DE 102014202218 A1 20150806; EP 2933063 A1 20151021; EP 2933063 B1 20170920; US 11000934 B2 20210511;
US 2019176289 A1 20190613

DOCDB simple family (application)
US 201514615132 A 20150205; CN 201510060133 A 20150205; DE 102014202218 A 20140206; EP 14197088 A 20141210;
US 201916276416 A 20190214