

Title (en)

HAND-HELD POWER TOOL, IN PARTICULAR ROUTER AND/OR TRIMMER

Title (de)

HANDWERKZEUGMASCHINE, INSBESONDERE OBERFRÄSE UND/ODER KANTENFRÄSE

Title (fr)

OUTIL ÉLECTRIQUE PORTATIF, EN PARTICULIER DÉFONCEUSE ET/OU TONDEUSE

Publication

**EP 4308350 A1 20240124 (DE)**

Application

**EP 22709709 A 20220301**

Priority

- DE 102021202493 A 20210315
- EP 2022055141 W 20220301

Abstract (en)

[origin: WO2022194541A1] The invention relates to a hand-held power tool (100), in particular a router (102) and/or trimmer, comprising a machine housing (104), in which an electric drive motor (112) is arranged that is paired with an output shaft (114) for rotatably driving an insert tool (126), at least one battery pack (110) for providing energy to the electric drive motor (112), and a support device (134) for guiding the machine housing (104) on a workpiece (132), wherein the support device (134) has a support section (136) for the machine housing (104), a foot plate (144) being provided on the support device for contacting the workpiece (132), and the foot plate (144) has a passage (146) for the insert tool (126). The at least one battery pack (110) is arranged in a first machine section (M1), the electric drive motor (112) is arranged in a second machine section (M2), and a handle (160) for a user is arranged in a third machine section (M3) at least in some sections. The three machine sections (M1,2,3) are arranged next to one another along a transverse axis (Q) which is aligned at an angle ( $\alpha$ ), in particular at least approximately perpendicularly, to the output shaft (114) of the drive motor (112).

IPC 8 full level

**B27C 5/10** (2006.01)

CPC (source: EP US)

**B25F 5/02** (2013.01 - US); **B27C 5/10** (2013.01 - EP 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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102021202493 A1 20220915**; CN 117062700 A 20231114; EP 4308350 A1 20240124; US 2024149425 A1 20240509; WO 2022194541 A1 20220922

DOCDB simple family (application)

**DE 102021202493 A 20210315**; CN 202280021731 A 20220301; EP 2022055141 W 20220301; EP 22709709 A 20220301; US 202218548679 A 20220301