

Title (en)
ELECTRIC TOOL

Title (de)
ELEKTROWERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE

Publication
EP 3533564 A1 20190904 (EN)

Application
EP 19153886 A 20190128

Priority
JP 2018036892 A 20180301

Abstract (en)
Electric tool that enables user to easily suppress vibration of motor with hand and that is usable even in narrow spaces and outdoors. Electric tool (1) of the present disclosure includes sanding mechanism (3), motor (10), battery pack (4) and housing (21). Motor (10) is configured to drive sanding mechanism (3). Battery pack (4) is configured to supply motor (10) with electric power. Sanding mechanism (3), motor (10) and battery pack (4) are fixed to housing (21). Motor (10) possesses rotary shaft (101) configured to transmit rotary drive power to sanding mechanism (3). Housing (21) possesses handle (22) that allows user to hold. Sanding mechanism (3), motor (10), battery pack (4) and handle (22) are arranged in one direction. Rotary shaft (101) of motor (10) is elongated in the one direction.

IPC 8 full level
B25F 5/02 (2006.01); **B24B 23/06** (2006.01)

CPC (source: CN EP)
B24B 23/06 (2013.01 - CN EP); **B25F 5/02** (2013.01 - EP)

Citation (applicant)
JP 2002233942 A 20020820 - MAKITA CORP

Citation (search report)

- [X] DE 202005004534 U1 20050525 - KNOOPS ARNULF [DE]
- [X] US 5298821 A 19940329 - MICHEL TIMOTHY P [US]
- [X] US 5851141 A 19981222 - ELMORE RONALD W [US]

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WO2022217135A1; WO2023133196A3; WO2023079091A1

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

DOCDB simple family (publication)
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DOCDB simple family (application)
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