

Title (en)

SANDER INCLUDING SHEET GUIDE AND CLAMP

Title (de)

SCHLEIFMASCHINE MIT BLATTFÜHRUNG UND -KLEMME

Title (fr)

PONCEUSE COMPRENANT UN GUIDE DE FEUILLE ET UNE PINCE

Publication

EP 4182117 A4 20230719 (EN)

Application

EP 21893125 A 20211001

Priority

CN 2021122495 W 20211001

Abstract (en)

[origin: WO2023050451A1] A base (25) for a sheet sander (10) including a baseplate (30) and a guide (60, 65). The baseplate (30) has an upper side and a lower side opposite the upper side, and the upper side defines a guide mount (40, 45). The guide (60, 65) is coupled to the guide mount (40, 45) adjacent an edge of the baseplate (30), and the upper side of the baseplate (30) and the guide (60, 65) cooperatively define a space that receives and temporarily holds an end of a sanding sheet (26). The base (25) also includes a clamp (53, 55) that is coupled to the baseplate (30) and that is movable between an unclamped position to permit attachment of the sanding sheet (26) to the baseplate (30) via the guide (60, 65), and a clamped position to secure the sanding sheet (26) to the baseplate (30). The clamp (53,55) is in the clamped position after the sanding sheet (26) is positioned in the space.

IPC 8 full level

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CPC (source: EP)

B24B 23/02 (2013.01); **B24B 23/04** (2013.01); **B24B 23/046** (2013.01); **B24B 41/047** (2013.01); **B24D 9/04** (2013.01); **B24D 15/023** (2013.01)

Citation (search report)

- [XAY] US 2011028076 A1 20110203 - ZHOU HONGTAO [CN], et al
- [Y] US 2020338686 A1 20201029 - SUN YIMIN [CN], et al
- [Y] US 2893177 A 19590707 - BRUCK JOHN P
- [Y] US 4091576 A 19780530 - HUTCHINS ALMA A
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- See also references of WO 2023050451A1

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)

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DOCDB simple family (publication)

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DOCDB simple family (application)

CN 2021122495 W 20211001; CN 202190000188 U 20211001; EP 21893125 A 20211001