

Title (en)

ROTATIONALLY DRIVABLE ROTARY TOOL DEVICE

Title (de)

ROTATIV ANTREIBBARE DREHWERKZEUGEINRICHTUNG

Title (fr)

DISPOSITIF À OUTIL ROTATIF POUVANT ÊTRE ENTRAÎNÉ EN ROTATION

Publication

EP 3471916 A1 20190424 (DE)

Application

EP 17729107 A 20170608

Priority

- DE 102016111265 A 20160620
- EP 2017064035 W 20170608

Abstract (en)

[origin: CA3028516A1] The subject of the present invention is a rotationally drivable rotary tool device and in particular a rotary brush tool. The invention is equipped, in its basic construction, with a tool holder (1, 2) having at least one drive-side clamping element (1) and a tool-side clamping element (2). The two clamping elements (1, 2) are connected releasably together and receive a rotary tool (5, 6). Furthermore, the two clamping elements (1, 2) ensure that the rotary tool (5, 6) is held. According to the invention, the tool-side clamping element (2) and the rotary tool (5, 6) define a structural unit (2, 5, 6). To this end, the clamping element (2) in question is configured as a holding cage (2) that encloses the rotary tool (5, 6) radially and axially at least in part.

IPC 8 full level

B24B 23/02 (2006.01); **A46B 13/00** (2006.01); **A46B 17/02** (2006.01); **B24B 29/00** (2006.01); **B24B 45/00** (2006.01); **B24D 13/10** (2006.01); **B24D 13/20** (2006.01)

CPC (source: EP RU US)

A46B 13/00 (2013.01 - RU); **A46B 13/001** (2013.01 - EP US); **A46B 13/02** (2013.01 - EP US); **A46B 17/02** (2013.01 - RU US); **B24B 23/02** (2013.01 - RU); **B24B 23/022** (2013.01 - EP US); **B24B 29/005** (2013.01 - EP US); **B24B 45/00** (2013.01 - RU); **B24B 45/006** (2013.01 - EP US); **B24D 13/10** (2013.01 - RU); **B24D 13/20** (2013.01 - EP RU US)

Citation (search report)

See references of WO 2017220338A1

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)

DE 102016111265 A1 20171221; AU 2017283040 A1 20190117; AU 2017283040 B2 20220901; BR 112018076730 A2 20190402; CA 3028516 A1 20171228; CN 109475994 A 20190315; CN 109475994 B 20210108; EP 3471916 A1 20190424; EP 3471916 B1 20200408; ES 2802260 T3 20210118; JP 2019517931 A 20190627; JP 6840234 B2 20210310; MX 2018016006 A 20190424; PL 3471916 T3 20201102; RU 2717440 C1 20200323; US 10807211 B2 20201020; US 2019224805 A1 20190725; WO 2017220338 A1 20171228

DOCDB simple family (application)

DE 102016111265 A 20160620; AU 2017283040 A 20170608; BR 112018076730 A 20170608; CA 3028516 A 20170608; CN 201780045324 A 20170608; EP 17729107 A 20170608; EP 2017064035 W 20170608; ES 17729107 T 20170608; JP 2019518354 A 20170608; MX 2018016006 A 20170608; PL 17729107 T 20170608; RU 2019101262 A 20170608; US 201716308966 A 20170608