

Title (en)

QUICK-CLAMPING DEVICE FOR A PORTABLE MACHINE TOOL

Title (de)

SCHNELLSPANNVORRICHTUNG FÜR EINE TRAGBARE WERKZEUGMASCHINE

Title (fr)

DISPOSITIF DE SERRAGE RAPIDE POUR MACHINE-OUTIL PORTATIF

Publication

**EP 3655196 B1 20210915 (DE)**

Application

**EP 18737887 A 20180705**

Priority

- DE 102017212526 A 20170720
- EP 2018068217 W 20180705

Abstract (en)

[origin: WO2019015980A1] The invention relates to a quick-clamping device for a portable machine tool, in particular for an angle grinder, comprising at least one clamping unit (12a – 12r) which, for tool-free fixing of an insertion tool unit (14a – 14r) to an output shaft (16a – 16r) of the portable machine tool (60a – 60r), comprises at least one clamping element (20a – 20r; 22a – 22r) mounted movably at least about and/or along a movement axis (18a – 18r) of the clamping unit (12a – 12r), and comprising at least one control unit (24a – 24r) comprising at least one movably mounted control element (26a – 26r) at least for actuation of the clamping unit (12a – 12r). The control element (26a – 26r) is at least intended to transfer the clamping unit (12a – 12r) from a clamping position into a release position according to a movement of the control element (26a – 26r), the control element (26a – 26r) being mounted at least in a translatory and/or pivotable manner.

IPC 8 full level

**B24B 23/02** (2006.01); **B24B 45/00** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP KR US)

**B24B 23/022** (2013.01 - KR); **B24B 23/028** (2013.01 - EP KR US); **B24B 45/006** (2013.01 - EP KR US); **B25F 5/00** (2013.01 - EP KR)

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)

**WO 2019015980 A1 20190124**; BR 112020000961 A2 20200714; CN 110944802 A 20200331; CN 110944802 B 20240109; DE 102017212526 A1 20190124; EP 3655196 A1 20200527; EP 3655196 B1 20210915; JP 2020527108 A 20200903; JP 7110319 B2 20220801; KR 20200034714 A 20200331; US 11717935 B2 20230808; US 2020094373 A1 20200326

DOCDB simple family (application)

**EP 2018068217 W 20180705**; BR 112020000961 A 20180705; CN 201880048735 A 20180705; DE 102017212526 A 20170720; EP 18737887 A 20180705; JP 2020502408 A 20180705; KR 20207001726 A 20180705; US 201816620816 A 20180705