

Title (en)

Hand tool device

Title (de)

Handwerkzeuggerät

Title (fr)

Machine-outil

Publication

**EP 2103383 A3 20130116 (DE)**

Application

**EP 09003724 A 20090316**

Priority

DE 102008015957 A 20080320

Abstract (en)

[origin: EP2103383A2] The device has a releasing device (4) provided with a set of functional parts (8, 10). An adjusting body (14) is fixed radially outward of a clamping body (12) against movement, so that the clamping body supports the functional parts in axial direction. The adjusting body exhibits a round cross section and maximum radial extension in a function position, and is rotatable around rotation axis by an actuating element (18) e.g. adjusting ring (16), with reduced radial extension in another function position, so that the clamping body is movable radially outward.

IPC 8 full level

**B24B 23/02** (2006.01); **B24B 45/00** (2006.01); **B27B 5/32** (2006.01)

CPC (source: EP)

**B24B 23/02** (2013.01); **B24B 45/006** (2013.01); **B27B 5/32** (2013.01)

Citation (search report)

- [AD] WO 9000463 A1 19900125 - BOSCH GMBH ROBERT [DE]
- [A] EP 0381809 A2 19900816 - LICENTIA GMBH [DE]

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2103383 A2 20090923**; **EP 2103383 A3 20130116**; **EP 2103383 B1 20140305**; DE 102008015957 A1 20090924

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**EP 09003724 A 20090316**; DE 102008015957 A 20080320