

Title (en)

Tool holding device, tool holding device-tool combination and machine tool

Title (de)

Werkzeugaufnahmevorrichtung, Werkzeugaufnahmevorrichtung-Werkzeug-Kombination und Werkzeugmaschine

Title (fr)

Dispositif porte-outil, combinaison de dispositif porte-outil et d'outil et machine-outil

Publication

EP 2548697 A3 20150923 (DE)

Application

EP 12174640 A 20120702

Priority

DE 102011051938 A 20110719

Abstract (en)

[origin: EP2548697A2] The device (106) has a fixing device (116) for fixing a shaft (110) to a handheld machine tool (100). A securing device (108) secures a tool (104) on the shaft in a working position, and has a securing element (124) that is moved from a securing position in which the tool is secured in the working position to a tool changing position in which the tool is attached on the shaft and/or removed from the shaft, where the element is moved by a link web guide (126) of the securing device. The shaft is designed in a cylindrical-shape, and has two half shells that are connected with one another. An independent claim is also included for a handheld machine tool.

IPC 8 full level

B24B 45/00 (2006.01); **B24B 55/05** (2006.01); **B24D 13/02** (2006.01); **B24D 13/20** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)

B24B 45/006 (2013.01); **B24B 55/052** (2013.01); **B24D 13/02** (2013.01); **B24D 13/20** (2013.01); **B25F 3/00** (2013.01)

Citation (search report)

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- [XDY] EP 0147545 A2 19850710 - FEIN C & E
- [XDY] US 2426170 A 19470826 - AKERS RAYMOND F
- [YD] JP 2010058177 A 20100318 - TENRYU SAW MFG CO LTD
- [Y] JP 2008054932 A 20080313 - KOWA CO
- [YD] DE 10329828 B4 20090618 - FESTOOL GMBH [DE]

Cited by

CN105150103A; CN114310802A; EP3922426A1; EP3771511A1; WO2023202755A1; DE102024106625A1

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)

EP 12174640 A 20120702; DE 102011051938 A 20110719