

Title (en)

MANUAL MACHINE TOOL WITH SPINDLE STOP

Title (de)

HANDWERKZEUGMASCHINE MIT SPINDELSTOP

Title (fr)

MACHINE-OUTIL MANUELLE A ARRET DE ROTATION DE BROCHE

Publication

**EP 1497081 B1 20060816 (DE)**

Application

**EP 02774318 A 20020910**

Priority

- DE 0203358 W 20020910
- DE 20119835 U 20011206

Abstract (en)

[origin: WO03049907A1] The invention relates to a manual machine tool (10) with a housing (12) that accommodates a rotatably driven drive shaft (20) that carries an especially disk-shaped cutting tool that can be removably chucked. Said drive shaft (20) can be stopped by means of an axially displaceable locking bolt (36) that extends through a through bore of the housing (12) and that can be actuated from the exterior. The diameter-length ratio of the through bore (35) and the locking bolt (36) is less than 1.8, especially equal 1.5, thereby making the tool more robust and reducing manufacturing costs.

IPC 8 full level

**B24B 45/00** (2006.01); **B25F 5/00** (2006.01); **B23D 45/16** (2006.01); **B24B 23/02** (2006.01); **B27B 5/38** (2006.01)

CPC (source: EP US)

**B24B 23/022** (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B27B 5/38** (2013.01 - EP US); **Y10T 403/598** (2015.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 20119835 U1 20030410**; CN 100421881 C 20081001; CN 1484570 A 20040324; DE 50207890 D1 20060928; EP 1497081 A1 20050119; EP 1497081 B1 20060816; JP 2005511332 A 20050428; US 2004069513 A1 20040415; US 7052384 B2 20060530; WO 03049907 A1 20030619

DOCDB simple family (application)

**DE 20119835 U 20011206**; CN 02803420 A 20020910; DE 0203358 W 20020910; DE 50207890 T 20020910; EP 02774318 A 20020910; JP 2003550948 A 20020910; US 45009003 A 20030610