

Title (en)

Manual machine tool with a crank drive

Title (de)

Handwerkzeugmaschine mit einem Kurbelgetriebe

Title (fr)

Machine-outil manuelle dotée d'un entraînement par manivelle

Publication

**EP 2047951 A1 20090415 (DE)**

Application

**EP 08105405 A 20080923**

Priority

DE 102007000827 A 20071008

Abstract (en)

The tool has a crank drive with an axially rotatable crankshaft (10) supporting a connecting rod at a crankshaft journal (9). The crankshaft is coaxially hollow-formed, and is axially closed at both sides. A plug (15) is provided opposite to the crankshaft journal at an axial end of the crankshaft. A wall thickness (W) of the hollow crankshaft amounts to less than one-tenth of the assigned shaft diameter (D). An axial stopper (18) is attached to a bearing guide (17), and the crankshaft is radially tapered axially between two bearing guides.

Abstract (de)

Eine zumindest teilweise schlagende Handwerkzeugmaschine (1) weist ein Kurbelgetriebe (2) mit einer Pleuelstange (8) und eine, die Pleuelstange (8) an einem Kurbelzapfen (9) lagernde, axial drehbare Kurbelwelle (10) auf, die koaxial hohl ausgebildet und axial beidseitig geschlossen ist.

IPC 8 full level

**B25D 11/12** (2006.01)

CPC (source: EP)

**B25D 11/125** (2013.01); **B25D 2211/006** (2013.01); **B25D 2211/068** (2013.01); **B25D 2222/24** (2013.01)

Citation (applicant)

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- DE 3120834 A1 19821216 - LICENTIA GMBH [DE]
- EP 1355764 A1 20031029 - WACKER CONSTRUCTION EQUIPMENT [DE]

Citation (search report)

- [X] EP 0583710 A1 19940223 - BOSCH GMBH ROBERT [DE]
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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2047951 A1 20090415**; **EP 2047951 B1 20101117**; AT E488330 T1 20101215; DE 102007000827 A1 20090409; DE 502008001811 D1 20101230

DOCDB simple family (application)

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