

Title (en)
HAND-OPERATED MACHINE TOOL

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
MACHINE PORTABLE

Publication
EP 1307313 B2 20090819 (DE)

Application
EP 01943165 A 20010529

Priority
• DE 0102035 W 20010529
• DE 10037808 A 20000803

Abstract (en)
[origin: WO0211933A1] The invention relates to a hand-operated machine tool with a tool mounting which may be driven, at least in a rotating manner, by means of a drive motor and a drilling spindle (13), comprising a chuck, for fixing tools, which may be actuated in the direction of rotation of the drilling spindle (13) and a locking device (38), by means of which the drilling spindle (13) can be fixed in a non-rotating manner to a part (27) of the machine housing (26), for the closing and opening of the chuck on the tool holder (12). Said locking device (38) automatically releases on a transfer of torque from the drive motor to the tool mounting (12) and which automatically locks on a transfer of torque from the tool mounting (12) to the drive motor and is arranged on an intermediate shaft (17), in combination with a safety clutch (58) which is also arranged on the intermediate shaft (17).

IPC 8 full level
B23B 31/38 (2006.01); **B23B 45/00** (2006.01); **B23B 45/16** (2006.01); **B25D 16/00** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)
B25D 16/003 (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B25D 2211/064** (2013.01 - EP US); **B25D 2250/201** (2013.01 - EP US)

Citation (opposition)
Opponent :
EP 1083029 A1 20010314 - METS OWERKE GMBH & CO [DE]

Cited by
DE102020212427A1; US11901852B2

Designated contracting state (EPC)
CH DE GB IT LI

DOCDB simple family (publication)
WO 0211933 A1 20020214; CN 1211176 C 20050720; CN 1446139 A 20031001; DE 10037808 A1 20020214; DE 50112797 D1 20070913; EP 1307313 A1 20030507; EP 1307313 B1 20070801; EP 1307313 B2 20090819; JP 2004524168 A 20040812; US 2003173097 A1 20030918; US 6793023 B2 20040921

DOCDB simple family (application)
DE 0102035 W 20010529; CN 01813795 A 20010529; DE 10037808 A 20000803; DE 50112797 T 20010529; EP 01943165 A 20010529; JP 2002517255 A 20010529; US 34336603 A 20030130