

Title (en)
MANUAL MACHINE TOOL

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL MANUELLE

Publication
EP 1379363 B1 20080528 (DE)

Application
EP 02727246 A 20020319

Priority
• DE 0200982 W 20020319
• DE 10117123 A 20010406

Abstract (en)
[origin: WO02081154A1] Manual machine tool, in particular a hammer drill and/or chipping hammer, comprising a striking train (14), driven by an electric motor (12) in a housing (10), by means of which an insert tool (18), arranged in a tool mounting (16), may be percussion driven and a sensor unit (30), by means of which a parameter for a neutral position is determined. The electric motor (12) and thus the striking train (14) may be actively braked by a motor control unit (22) with a recognised neutral position.

IPC 8 full level
B23B 45/16 (2006.01); **B25D 11/12** (2006.01); **B25D 16/00** (2006.01); **B25D 17/10** (2006.01)

CPC (source: EP US)
B25D 11/125 (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Designated contracting state (EPC)
CH DE GB LI

DOCDB simple family (publication)
WO 02081154 A1 20021017; CN 1262397 C 20060705; CN 1460047 A 20031203; DE 10117123 A1 20021017; DE 50212320 D1 20080710; EP 1379363 A1 20040114; EP 1379363 B1 20080528; JP 2004518552 A 20040624; US 2004003930 A1 20040108; US 6843327 B2 20050118

DOCDB simple family (application)
DE 0200982 W 20020319; CN 02801072 A 20020319; DE 10117123 A 20010406; DE 50212320 T 20020319; EP 02727246 A 20020319; JP 2002579176 A 20020319; US 29714203 A 20030331