

Title (en)

Hammer hand tool with axially flexible impact mechanism

Title (de)

Schlagende Handwerkzeugmaschine mit axial beweglich gelagertem Schlagwerk

Title (fr)

Machine-outil manuelle à percussion dotée d'une sonnette se déplaçant axialement

Publication

**EP 1862266 A3 20090311 (DE)**

Application

**EP 07108103 A 20070514**

Priority

DE 102006000253 A 20060530

Abstract (en)

[origin: EP1862266A2] The tool has a tool fitting (2) and a hand grip (3) which is fixed at the housing (4) in which an axially movable percussion mechanism (5) is connected with the housing, axial grip-sided, by a spring (6). The percussion mechanism is mounted in the housing, fitting-sided, by an axial sliding surface (8). The axial sliding surface is mounted in the housing by a gliding insert (9), where the multiple similar gliding insert are available.

IPC 8 full level

**B25D 17/00** (2006.01)

CPC (source: EP US)

**B25D 17/24** (2013.01 - EP US); **B25D 2222/21** (2013.01 - EP US); **B25D 2222/54** (2013.01 - EP US); **B25D 2250/065** (2013.01 - EP US); **B25D 2250/121** (2013.01 - EP US); **B25D 2250/245** (2013.01 - EP US); **B25D 2250/371** (2013.01 - EP US); **B25D 2250/381** (2013.01 - EP US)

Citation (search report)

- [YD] EP 1422029 A1 20040526 - HILTI AG [LI]
- [Y] DE 202005007333 U1 20050908 - CHEN HSIU JU [TW]
- [A] EP 1151827 A1 20011107 - HILTI AG [LI]

Cited by

EP4400266A1; WO2012084349A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1862266 A2 20071205**; **EP 1862266 A3 20090311**; **EP 1862266 B1 20110119**; DE 102006000253 A1 20071206;  
DE 502007006283 D1 20110303; US 2007277992 A1 20071206

DOCDB simple family (application)

**EP 07108103 A 20070514**; DE 102006000253 A 20060530; DE 502007006283 T 20070514; US 80738107 A 20070525