

Title (en)

Hand tool with reciprocating drive

Title (de)

Handwerkzeugmaschine mit Hubantrieb

Title (fr)

Machine-outil avec entraînement linéaire alternatif

Publication

EP 2027972 B1 20110907 (DE)

Application

EP 08104550 A 20080626

Priority

DE 102007000452 A 20070820

Abstract (en)

[origin: EP2027972A1] The machine has a lift drive (13) for a tool operated by a motor, and comprising a lifting body (30) moved in a lifting movement by an eccentric pin (18) of an eccentric wheel (17). The eccentric wheel is rotationally displaced by the motor, where the lift movement of the lifting body is spring elastically absorbed. The lifting body is formed as a single piece of a spring elastic body, where the lifting body includes resilience in tension direction and pressure direction. Bearing lugs (34) are connected with each other by a sheet-shaped spring section (35) using a piston rod (31).

IPC 8 full level

B25D 11/12 (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)

B25D 11/12 (2013.01); **B25D 17/24** (2013.01); **B25D 2211/003** (2013.01); **B25D 2222/42** (2013.01); **B25D 2250/085** (2013.01); **B25D 2250/371** (2013.01)

Cited by

EP2944428A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 2027972 A1 20090225; **EP 2027972 B1 20110907**; DE 102007000452 A1 20090226

DOCDB simple family (application)

EP 08104550 A 20080626; DE 102007000452 A 20070820