

Title (en)

Hand-held power tool with vibration-compensating mass

Title (de)

Handwerkzeugmaschine mit Schwingungsdämpfer

Title (fr)

Outil à main avec amortisseur de vibrations

Publication

EP 2241409 B1 20121107 (EN)

Application

EP 09158130 A 20090417

Priority

EP 09158130 A 20090417

Abstract (en)

[origin: EP2241409A1] A hand-held power tool comprises a main handle, a percussion mechanism striking along a percussion axis, a counter mass displaceable along an oscillation axis and biasing means preloading the counter mass to a position of rest on the oscillation axis. The counter mass is arranged such that the position of rest being is closer to the main handle than the centre of gravity is to the main handle. Further, the oscillation axis is inclined to the percussion axis.

IPC 8 full level

B25D 17/24 (2006.01)

CPC (source: EP)

B25D 17/043 (2013.01); **B25D 17/24** (2013.01); **B25D 2211/003** (2013.01); **B25D 2211/068** (2013.01); **B25D 2217/0092** (2013.01); **B25D 2250/245** (2013.01)

Citation (examination)

EP 1882558 A1 20080130 - HILTI AG [LI]

Cited by

CN115648129A; WO2024087576A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2241409 A1 20101020; EP 2241409 B1 20121107

DOCDB simple family (application)

EP 09158130 A 20090417