

Title (en)

Handtool machine with vibration balancing mass

Title (de)

Handwerkzeugmaschine mit Schwingungsausgleichsmasse

Title (fr)

Machine-outil à main avec masse d'équilibrage de vibration

Publication

EP 2047952 B1 20120822 (DE)

Application

EP 08105444 A 20080926

Priority

DE 102007000837 A 20071009

Abstract (en)

[origin: EP2047952A1] The tool has a vibration-compensating mass (3) secured on a housing (2). A rigid compensation mass (4) oscillates along an oscillation axis (A), and is formed of a set of mass components fixedly connected with each other. A spring (5) is provided for resiliently supporting the compensation mass relative to the housing. The mass components comprise a set of stacked mass components arranged along the oscillation axis. The spring is located in a pocket-shaped prismatic recess (11) formed in the compensation mass.

IPC 8 full level

B25D 17/24 (2006.01)

CPC (source: EP US)

B25D 17/24 (2013.01 - EP US); **B25D 2217/0092** (2013.01 - EP US)

Citation (examination)

EP 2127821 A1 20091202 - AEG ELECTRIC TOOLS GMBH [DE]

Cited by

EP2436489A3; CN102666028A; WO2011072910A1; US10137592B2; US10940605B2; US11724413B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DE 102007000837 A1 20090416; US 2009090528 A1 20090409

DOCDB simple family (application)

EP 08105444 A 20080926; CN 200810168961 A 20081007; DE 102007000837 A 20071009; US 28465008 A 20080923