

Title (en)
Hand tool

Title (de)
Handwerkzeugmaschine

Title (fr)
Outil à main

Publication
EP 2452782 A3 20180228 (DE)

Application
EP 11185181 A 20111014

Priority
DE 102010043810 A 20101112

Abstract (en)
[origin: EP2452782A2] The hand-held power tool comprises a linear drive for moving a tool along a working axis, and two vibration absorbers, whose resonant frequencies are different for movement along the working axis. The resonant frequency of the former vibration absorber lies in a frequency band, in which the excited latter vibration absorber oscillates with a deflection.

IPC 8 full level
B25D 17/24 (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)
B25D 17/24 (2013.01 - EP US); **B25F 5/006** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US); **B25D 2217/0092** (2013.01 - EP US); **B25D 2250/275** (2013.01 - EP US); **B25D 2250/381** (2013.01 - EP US)

Citation (search report)

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- [Y] US 2010038105 A1 20100218 - KIKUCHI ATSUYUKI [JP], et al
- [Y] US 4282938 A 19810811 - MINAMIDATE MAKOTO
- [Y] DE 102008000625 A1 20090917 - BOSCH GMBH ROBERT [DE]
- [A] US 2009025949 A1 20090129 - AOKI YONOSUKE [JP]
- [A] JP 2007237301 A 20070920 - HITACHI KOKI KK

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2452782 A2 20120516; EP 2452782 A3 20180228; EP 2452782 B1 20191218; DE 102010043810 A1 20120516;
US 2012125649 A1 20120524

DOCDB simple family (application)
EP 11185181 A 20111014; DE 102010043810 A 20101112; US 201113294775 A 20111111