Title (en)

IMPACT TOOL

Title (de)

SCHLAGWERKZEUG

Title (fr)

OUTIL À IMPACT

Publication

EP 3184259 A1 20170628 (EN)

Application

EP 16205945 A 20161221

Priority

JP 2015254996 A 20151225

Abstract (en)

It is an object of the invention to provide a further rational technique for reducing vibration in a non-pressed state for an impact tool. A representative electric hammer (100) has a driving mechanism (160) for driving a tool bit (119), a vibration suppressing mechanism (190) having a movable weight, and a controller (112) for controlling driving of an electric motor (110). In a pressed state that the tool bit (119) is pressed against a workpiece by a user, the controller (112) drives the electric motor (110) at a first rotation speed, and in a non-pressed state that the tool bit (119) is not pressed against the workpiece by the user, the controller (112) drives the electric motor (110) at a second rotation speed lower than the first rotation speed.

IPC 8 full level

B25D 17/04 (2006.01); **B25D 11/00** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)

B25D 11/005 (2013.01); **B25D 17/043** (2013.01); **B25D 17/24** (2013.01); B25D 2217/0076 (2013.01); B25D 2250/201 (2013.01); B25D 2250/221 (2013.01)

Citation (applicant)

JP 2008073836 A 20080403 - MAKITA CORP

Citation (search report)

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- [XI] EP 2279831 A1 20110202 - BLACK & DECKER INC [US]
- [A] EP 2324961 A2 20110525 - MAKITA CORP [JP]
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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 3184259 A1 20170628; **EP 3184259 B1 20220216**; JP 2017113863 A 20170629

DOCDB simple family (application)

EP 16205945 A 20161221; JP 2015254996 A 20151225