

Title (en)
Power tool

Title (de)
Handwerkzeugmaschine

Title (fr)
Outil à motor

Publication
EP 2517835 A3 20180314 (DE)

Application
EP 12157411 A 20120229

Priority
DE 102011017671 A 20110428

Abstract (en)
[origin: EP2517835A2] The tool has a tangential hammer mechanism (10) including an anvil (60) associated to an output shaft (30), and a hammer (70) associated to a drive shaft (50). The hammer is axially moved under force application of a spring (80) and a sliding block guide (90). The hammer is strikable against the anvil under rotation of the hammer around the drive shaft. The guide includes a thread-like control contour (91), which includes slopes in an anvil closer section (93) and anvil far section (94), respectively. The slopes are different from each other.

IPC 8 full level
B25B 21/02 (2006.01)

CPC (source: EP US)
B25B 21/02 (2013.01 - US); **B25B 21/026** (2013.01 - EP US)

Citation (search report)

- [X] JP 2003181774 A 20030702 - HITACHI KOKI KK
- [X] DE 1087538 B 19600818 - CHICAGO PNEUMATIC TOOL CO
- [A] EP 2243599 A2 20101027 - HILTI AG [LI]

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 2517835 A2 20121031; EP 2517835 A3 20180314; EP 2517835 B1 20190731; CN 102756352 A 20121031; CN 102756352 B 20150909; DE 102011017671 A1 20121031; US 2013112448 A1 20130509; US 9381626 B2 20160705

DOCDB simple family (application)
EP 12157411 A 20120229; CN 201210122320 A 20120424; DE 102011017671 A 20110428; US 201213458775 A 20120427