

Title (en)

PORTABLE POWER TOOL WITH A MECHANICAL PERCUSSION MECHANISM

Title (de)

HANDWERKZEUGMASCHINE MIT EINEM MECHANISCHEN SCHLAGWERK

Title (fr)

MACHINE-OUTIL PORTATIVE ÉQUIPÉE D'UN ORGANE DE PERCUSSION MÉCANIQUE

Publication

EP 2576145 A1 20130410 (DE)

Application

EP 11721277 A 20110512

Priority

- DE 102010029559 A 20100601
- EP 2011057700 W 20110512

Abstract (en)

[origin: WO2011151145A1] In a portable power tool (100) with a mechanical percussion mechanism (122) which is provided for percussive driving of an insertable tool (140) and has a percussion body (225), which is acted upon in the direction of the insertable tool (140) by a compression spring (228) and is connected to an associated drive shaft (120) for conjoint rotation and is mounted in an axially displaceable manner on the drive shaft (120), wherein the compression spring (228) bears at the end (227) thereof which faces away from the percussion body (225) against a washer (240), the washer (240) is mounted in an axially displaceable and rotatable manner on the drive shaft (120).

IPC 8 full level

B25B 21/02 (2006.01); **B25D 17/11** (2006.01)

CPC (source: EP)

B25B 21/02 (2013.01); **B25B 21/026** (2013.01); **B25D 11/104** (2013.01); **B25D 17/11** (2013.01); **B25D 17/24** (2013.01); **B25D 2216/0023** (2013.01); **B25D 2250/241** (2013.01)

Citation (search report)

See references of WO 2011151145A1

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

DOCDB simple family (publication)

DE 102010029559 A1 20111201; CN 102905852 A 20130130; EP 2576145 A1 20130410; WO 2011151145 A1 20111208

DOCDB simple family (application)

DE 102010029559 A 20100601; CN 201180027009 A 20110512; EP 11721277 A 20110512; EP 2011057700 W 20110512