

Title (en)

Motor driven tool device with hammer drill operation mode

Title (de)

Motorisch angetriebenes Werkzeuggerät mit Bohrhämmerbetriebsart

Title (fr)

Machine-outil électrique ayant un fonctionnement à marteau perforateur

Publication

**EP 2314420 B1 20120509 (DE)**

Application

**EP 10187352 A 20101013**

Priority

DE 102009050014 A 20091021

Abstract (en)

[origin: EP2314420A1] The device has an output strand (6) comprising a boring sleeve (10) and a forge. The boring sleeve is radially supported in a rotatable manner around a longitudinal axis in relation to a machine housing (33). The boring sleeve is axially supported via a roller bearing arrangement for receiving of axial forces that are induced at a tool. The boring sleeve is held in the machine housing at both axial sides by axial acting soft and elastic deformable damping elements (34, 36), which are designed in a circular disk type. The damping elements are made of plastic material/polyurethane foam.

IPC 8 full level

**B25D 17/06** (2006.01); **B25D 11/06** (2006.01); **B25D 16/00** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)

**B25D 17/06** (2013.01); **B25D 17/24** (2013.01); **B25D 2211/006** (2013.01); **B25D 2211/061** (2013.01); **B25D 2216/0023** (2013.01); **B25D 2217/0019** (2013.01); **B25D 2222/57** (2013.01); **B25D 2250/335** (2013.01)

Cited by

EP2561962A1; CN104066556A; US9764457B2; EP3822030A1; CN114450128A; US2022388137A1; WO2013122535A1; US9724814B2; US9789598B2; WO2021094213A1

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)

**EP 2314420 A1 20110427**; **EP 2314420 B1 20120509**; AT E556820 T1 20120515; DE 102009050014 A1 20110609; DE 102009050014 B4 20130711

DOCDB simple family (application)

**EP 10187352 A 20101013**; AT 10187352 T 20101013; DE 102009050014 A 20091021