

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

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DOCDB simple family (publication)

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