

Title (en)
Manually-operated hammer drill

Title (de)
Handgeführter Bohrhämmer

Title (fr)
Marteau-perforateur manuel

Publication
EP 1944132 B1 20120523 (DE)

Application
EP 07033580 A 20071214

Priority
DE 102007001494 A 20070110

Abstract (en)
[origin: EP1944132A1] The drill has a tool spindle, a hammer mechanism, a wobble drive (5), a layshaft (6) for driving the tool spindle on demand and the hammer mechanism and a housing, whereby a hub (8) of the wobble drive is rotatably cantilever mounted in the housing via a first bearing (9) and hence coaxially engages around the layshaft. A cantilever end of the hub is provided with an axial bearing for axially supporting the layshaft, whereby the axial bearing has radial play relative to the layshaft.

IPC 8 full level
B25D 16/00 (2006.01)

CPC (source: EP US)
B25D 16/00 (2013.01 - EP US); **B25D 16/006** (2013.01 - EP US); **B25D 2211/061** (2013.01 - EP US); **B25D 2216/0015** (2013.01 - EP US); **B25D 2216/0023** (2013.01 - EP US); **B25D 2216/0038** (2013.01 - EP US); **B25D 2250/331** (2013.01 - EP US); **B25D 2250/335** (2013.01 - EP US)

Cited by
EP2147753A1; US8230943B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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EP 07033580 A 20071214; CN 200810000906 A 20080107; DE 102007001494 A 20070110; US 97194408 A 20080110