

Title (en)  
Hammer drill

Title (de)  
Bohrhammer

Title (fr)  
Marteau perforateur

Publication  
**EP 1923176 A1 20080521 (DE)**

Application  
**EP 07021608 A 20071107**

Priority  
DE 102006054288 A 20061117

Abstract (en)  
The drill has an electrical driving motor (1), and a tool spindle (2) rotatably driven by the driving motor. The tool spindle and a hammer tool (3) are driven directly by a motor shaft (6) of the driving motor by using a single-stage transmission (4, 5). A motor axis of the motor shaft and a shaft axis of the tool spindle are positioned at an angle relative to one another, where the angle is in a range from 60 to 120 degrees. A pinion is located on the motor shaft, and a ring gear is located on the tool spindle, where the gear meshes with the pinion.

Abstract (de)  
Die Erfindung betrifft einen Bohrhammer mit einem insbesondere elektrischen Antriebsmotor (1), mit einer vom Antriebsmotor (1) drehend antreibbaren Werkzeugspindel (2) und mit einem Hammerwerk (3). Die Werkzeugspindel (2) und das Hammerwerk (3) sind jeweils mittels eines einstufigen Getriebes (4, 5) direkt von einer Motorwelle (6) des Antriebsmotors (1) angetrieben.

IPC 8 full level  
**B25D 11/12** (2006.01)

CPC (source: EP US)  
**B25D 11/125** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2250/245** (2013.01 - EP US)

Citation (search report)  
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DOCDB simple family (publication)  
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