

Title (en)  
DRILLING MACHINE

Title (de)  
BOHRMASCHINE

Title (fr)  
PERCEUSE

Publication  
**EP 2629937 B1 20190501 (DE)**

Application  
**EP 11761622 A 20110928**

Priority  
• DE 102010042682 A 20101020  
• EP 2011066891 W 20110928

Abstract (en)  
[origin: WO2012052268A1] A power drill with percussive drilling, drilling and screwing functions has a gear mechanism for transmitting the driving movement of a driving unit to a tool spindle (4). Also provided are two latching elements (16, 17), which in the percussive drilling position are in latching engagement and in the drilling or screwing position are disengaged. A mode setting device (7) has a rotatable supporting ring (8) and a pressure ring (9), which is coupled with the supporting ring (8) for rotation therewith and in the screwing position is held axially movably on the gear casing (3).

IPC 8 full level  
**B25D 16/00** (2006.01); **B23B 35/00** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)  
**B25B 23/141** (2013.01 - EP US); **B25D 11/106** (2013.01 - EP US); **B25D 16/003** (2013.01 - US); **B25D 16/006** (2013.01 - EP US); **B25F 5/001** (2013.01 - US); **B25B 21/026** (2013.01 - US); **B25D 2216/0023** (2013.01 - US); **B25D 2216/0084** (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US); **Y10T 74/19251** (2015.01 - EP US)

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 102010042682 A1 20120426**; CN 103153547 A 20130612; CN 103153547 B 20160608; EP 2629937 A1 20130828; EP 2629937 B1 20190501; EP 3533561 A1 20190904; EP 3533561 B1 20201216; US 2013269461 A1 20131017; US 9878434 B2 20180130; WO 2012052268 A1 20120426

DOCDB simple family (application)  
**DE 102010042682 A 20101020**; CN 201180050713 A 20110928; EP 11761622 A 20110928; EP 19163046 A 20110928; EP 2011066891 W 20110928; US 201113880327 A 20110928