

Title (en)  
DRILL HAMMER

Title (de)  
BOHRHAMMER

Title (fr)  
MARTEAU PERFORATEUR

Publication  
**EP 1578564 B1 20071010 (DE)**

Application  
**EP 03814444 A 20030725**

Priority  
• DE 0302512 W 20030725  
• DE 10261030 A 20021224

Abstract (en)  
[origin: WO2004060616A1] The invention relates to a drill hammer comprising a hammer tube (13) which is rotationally drivable inside a housing (10), a striking train (14) which is arranged in the hammer tube (13) and is provided with a piston (15) which can be driven in a reciprocating movement, in addition to an operating mode commutator (35) for the operating modes "impact drilling " and "chiselling ". The hammer tube (13) is decoupled from the rotary drive when in the "impact drilling " operating mode and is secured in a non-rotative manner in the housing (10) when in the "chiselling" operating mode.

IPC 8 full level  
**B25D 16/00** (2006.01); **B23B 45/16** (2006.01)

CPC (source: EP US)  
**B25D 16/006** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (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)

Cited by  
GB2433716A; US11964375B2

Designated contracting state (EPC)  
CH DE GB LI

DOCDB simple family (publication)  
**DE 10261030 A1 20040708**; CN 100519091 C 20090729; CN 1717300 A 20060104; DE 50308372 D1 20071122; EP 1578564 A1 20050928; EP 1578564 B1 20071010; JP 2006512216 A 20060413; US 2005269116 A1 20051208; US 7121359 B2 20061017; WO 2004060616 A1 20040722

DOCDB simple family (application)  
**DE 10261030 A 20021224**; CN 03825716 A 20030725; DE 0302512 W 20030725; DE 50308372 T 20030725; EP 03814444 A 20030725; JP 2004564137 A 20030725; US 52385205 A 20050207