

Title (en)
Hand held percussive tool or drill

Title (de)
Handgeführter Bohrhammer oder Meisselhammer

Title (fr)
marteau perforateur et/ou marteau-burineur

Publication
EP 1618999 A1 20060125 (DE)

Application
EP 04016521 A 20040714

Priority
EP 04016521 A 20040714

Abstract (en)

The hand-held hammer drill or hammer chisel has a striking or hammer mechanism (2). It includes a transmission housing (3) containing a tool spindle (4) and a vibration absorber (5) with a spring-mounted absorbing mass (6). The absorbing mass is mounted in the transmission housing on an axis component (7).

IPC 8 full level
B25D 11/06 (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)
B25D 11/062 (2013.01); **B25D 16/00** (2013.01); **B25D 17/24** (2013.01); **B25D 2217/0092** (2013.01); **B25D 2250/231** (2013.01);
B25D 2250/371 (2013.01)

Citation (search report)

- [X] US 5573075 A 19961112 - HENRY EDGAR G [US], et al
- [X] EP 1252976 A1 20021030 - BLACK & DECKER INC [US]
- [X] DE 815179 C 19511001 - BOLLENRATH FRANZ DR-ING
- [E] EP 1464449 A2 20041006 - MAKITA CORP [JP]
- [A] WO 9402755 A1 19940203 - KAUFMANN PETER [DE], et al

Cited by
CN102962819A; DE102007000057A1; DE102007000057B4; EP2018939A3; EP2301719A4; US7857074B2; US7806201B2; US8668026B2;
US8016047B2; WO2007105742A1; WO2008006634A1; WO2015035828A1; WO2008010467A1; TWI565544B

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1618999 A1 20060125; EP 1618999 B1 20080625; DE 502004007445 D1 20080807

DOCDB simple family (application)
EP 04016521 A 20040714; DE 502004007445 T 20040714