

Title (en)  
Handheld drilling machine

Title (de)  
Handbohrgerät

Title (fr)  
Machine à forer portable

Publication  
**EP 0976505 B1 20070221 (DE)**

Application  
**EP 99810637 A 19990716**

Priority  
DE 19833650 A 19980725

Abstract (en)  
[origin: EP0976505A2] The hand drill has a second hammer mechanism (20) arranged inside the housing (2), for the production of axial hammer action, with the hammer action having an axial power and hammer action frequency, which is at least partially different from that of the first hammer mechanism (16) action. The drill or the chisel tool bit (7) clamped in the chuck (6) is selectively rotationally drivable from the first (16) or from the second (20) hammer mechanism or can be acted on from both hammer action mechanisms together axially, or without axial hammer action support.

IPC 8 full level  
**B23B 45/16** (2006.01); **B25D 11/10** (2006.01); **B25D 11/12** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)  
**B25D 16/00** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US)

Cited by  
EP2522466A3

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**DE 19833650 A1 20000127**; CN 1247783 A 20000322; DE 59914206 D1 20070405; EP 0976505 A2 20000202; EP 0976505 A3 20030205; EP 0976505 B1 20070221; JP 2000042817 A 20000215; JP 4380845 B2 20091209; US 6196330 B1 20010306

DOCDB simple family (application)  
**DE 19833650 A 19980725**; CN 99110533 A 19990723; DE 59914206 T 19990716; EP 99810637 A 19990716; JP 21065699 A 19990726; US 35859199 A 19990721