

Title (en)  
Hand tool with a ratchet striking mechanism

Title (de)  
Handwerkzeuggerät mit Ratschenschlagwerk

Title (fr)  
Outil manuel doté de deux rondelles à dents

Publication  
**EP 1800803 A3 20080102 (DE)**

Application  
**EP 06125388 A 20061205**

Priority  
DE 102005000199 A 20051221

Abstract (en)  
[origin: EP1800803A2] The tool (2) has a shell type construction main housing (4) from which a tool spindle (14) projects towards the working tool side end (18) and rotates around operational axis by a motor (12). A gear unit (16) accommodated in main housing transmits a driving torque from motor to the spindle using a ratchet percussion mechanism that has toothed rim fixed respect to housing, and is connected to supporting element which is formed in a circumferentially extending manner at an inner surface of the outer shell of the main housing.

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

CPC (source: EP US)  
**B25B 21/023** (2013.01 - EP US); **B25D 11/106** (2013.01 - EP US); **B25D 16/00** (2013.01 - EP US); **B25D 17/00** (2013.01 - EP US); **B25D 2250/121** (2013.01 - EP US); **B25D 2250/245** (2013.01 - EP US)

Citation (search report)

- [XY] JP S59182008 A 19841016 - MATSUSHITA ELECTRIC WORKS LTD
- [Y] US 6202759 B1 20010320 - CHEN TING-KUANG [TW]

Cited by  
CN103009343A; EP2508303A1; CN102729221A; US8939228B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1800803 A2 20070627**; **EP 1800803 A3 20080102**; **EP 1800803 B1 20090617**; DE 102005000199 A1 20070628; DE 502006003983 D1 20090730; ES 2325555 T3 20090908; US 2007137875 A1 20070621

DOCDB simple family (application)  
**EP 06125388 A 20061205**; DE 102005000199 A 20051221; DE 502006003983 T 20061205; ES 06125388 T 20061205; US 64003806 A 20061214