

Title (en)

Portable power tool

Title (de)

Handwerkzeugmaschine

Title (fr)

Outil portatif motorisé

Publication

**EP 1077106 A3 20020605 (DE)**

Application

**EP 00115532 A 20000719**

Priority

DE 19938176 A 19990816

Abstract (en)

[origin: EP1077106A2] The tool has a motor (12) in a housing (10) that interacts via a drive shaft (14) with an angled gearbox (16) with a driven shaft (18) on bearings that interacts with a reciprocally movable tool via an eccentric element (20) and a drive element (22). The gearbox is mounted in a separate gearbox housing (24) that can be made of metal or synthetic material.

IPC 1-7

**B24B 23/04**; **B25F 5/02**; **B44D 3/16**

IPC 8 full level

**B24B 23/00** (2006.01); **B24B 23/04** (2006.01); **B25F 5/00** (2006.01); **B25F 5/02** (2006.01); **B44D 3/16** (2006.01)

CPC (source: EP)

**B24B 23/005** (2013.01); **B24B 23/04** (2013.01); **B25F 5/00** (2013.01); **B25F 5/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1077106 A2 20010221**; **EP 1077106 A3 20020605**; **EP 1077106 B1 20050511**; CN 1205001 C 20050608; CN 1284419 A 20010221; DE 19938176 A1 20010308; DE 50010271 D1 20050616; DE 50013707 D1 20061214; EP 1537948 A1 20050608; EP 1537948 B1 20061102

DOCDB simple family (application)

**EP 00115532 A 20000719**; CN 00126021 A 20000816; DE 19938176 A 19990816; DE 50010271 T 20000719; DE 50013707 T 20000719; EP 05002993 A 20000719