

Title (en)  
Portable sander and tool holder device

Title (de)  
Handgehaltene Schleifmaschine und Werkzeughalteeinrichtung

Title (fr)  
Ponçeuse portable et dispositif porte-outil

Publication  
**EP 2033738 B1 20120704 (DE)**

Application  
**EP 09150029 A 20060429**

Priority  
• EP 06008991 A 20060429  
• DE 102005021153 A 20050502

Abstract (en)  
[origin: EP1719581A1] The hand-held grinding machine (10) comprises a holding system (2) for holding the grinding machine, in addition there is also a drive motor (40) which is arranged on the holding system. There is a work-tool head (14) that has at least one turning axle (70) that is turnable relative to the holding system and via a motor-driven work-tool drive shaft (92). There is a transfer system (102) for rotary moment transfer from the drive motor to the work-tool drive shaft. The transfer system has a rigid shaft (50) that is coupled to the work-tool drive shaft via a gear (104) or a linkage (252). The work-tool head may be turnable relative to rigid shaft.

IPC 8 full level  
**B24B 7/00** (2006.01); **B24B 7/18** (2006.01); **B24B 23/00** (2006.01); **B24B 23/02** (2006.01); **B24B 23/03** (2006.01); **B24B 27/00** (2006.01); **B24B 41/047** (2006.01); **B24B 47/12** (2006.01)

CPC (source: EP)  
**B24B 7/184** (2013.01); **B24B 23/03** (2013.01); **B24B 27/0084** (2013.01); **B24B 41/047** (2013.01); **B24B 47/12** (2013.01)

Cited by  
CN105307816A; US2021205945A1; EP3858543A3; US9956676B2; EP3812093A1; US11867224B2; WO2019219780A1; WO2019219782A1; EP3812092A2; EP3812090A2; US12005547B2; EP3812089A1; US11931851B2; EP3858543A2; EP3812091A1; EP3838480A2; EP4063068A1; EP4289552A1; US11919127B2; US11951585B2

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

DOCDB simple family (publication)  
**EP 1719581 A1 20061108; EP 1719581 B1 20130313**; DE 102005021153 A1 20061109; DK 1719581 T3 20130617; EP 2033738 A2 20090311; EP 2033738 A3 20090812; EP 2033738 B1 20120704

DOCDB simple family (application)  
**EP 06008991 A 20060429**; DE 102005021153 A 20050502; DK 06008991 T 20060429; EP 09150029 A 20060429