

Title (en)

Motorized sander with swivelling head and tool holder

Title (de)

Handgehaltene Schleifmaschine mit schwenkbarem Werkzeugkopf und Werkzeughalteeinrichtung

Title (fr)

Ponçeuse motorisée à tête pivotable et porte-outil

Publication

**EP 1719581 B1 20130313 (DE)**

Application

**EP 06008991 A 20060429**

Priority

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 23/00** (2006.01); **B24B 23/02** (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

DE102014111250A1; DE102008063508A1; EP1961518A1; CN103991015A; CN112533730A; CN105899330A; CN104802050A; DE102012111990A1; CN104781044A; EP2196284A3; CN104797379A; EP2712705A3; EP3132891A3; CN113089563A; US11867224B2; US9981360B2; USD938247S; US10035236B2; US11931851B2; US9387566B2; WO2014086876A1; WO2014086866A1; WO2014086829A1; WO2015091066A1; EP2196291A2; DE102008063510A1; EP2196284A2; DE102008064564A1; EP2955435A1; US9956676B2

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