

Title (en)
Hand-held tool machine

Title (de)
Handgehaltene Werkzeugmaschine

Title (fr)
Machine-outil manuelle

Publication
EP 2196291 A3 20120307 (DE)

Application
EP 09175683 A 20091111

Priority
DE 102008063510 A 20081210

Abstract (en)
[origin: EP2196291A2] The tool has a reduction gear device (52) coupled to a drive motor (50) in a torque-effective manner. A shaft device (84) drives the tool and is coupled to the gear device in a torque-effective manner. The drive motor and the gear device are spatially separated and mounted in a housing device (44) in a buoyant manner. A shaft (56) is arranged between the drive motor and the gear device. The shaft is connected with the drive motor and the gear device. The shaft has shaft elements connected by a torsional coupling in a torque-effective manner.

IPC 8 full level
B24B 23/02 (2006.01); **B25F 5/00** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP)
B24B 7/182 (2013.01); **B24B 23/028** (2013.01); **B24B 27/027** (2013.01); **B25F 5/001** (2013.01); **B25F 5/006** (2013.01); **B25F 5/008** (2013.01); **B25F 5/02** (2013.01)

Citation (search report)

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- [X] WO 2007142997 A2 20071213 - STANLEY FASTENING SYS LP [US], et al
- [Y] DE 102005059180 A1 20070614 - BOSCH GMBH ROBERT [DE]
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Cited by
CN102773778A; FR3007679A1; EP2366496A1; CN102390027A; US11867224B2; US11931851B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2196291 A2 20100616; EP 2196291 A3 20120307; DE 102008063510 A1 20100617

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EP 09175683 A 20091111; DE 102008063510 A 20081210