

Title (en)

HAND-HELD MACHINE TOOL, FAN-FREE POWER SUPPLY AND TOOL SYSTEM

Title (de)

HANDWERKZEUGMASCHINE, LÜFTERLOSES NETZSTROMTEIL UND WERKZEUGSYSTEM

Title (fr)

MACHINE-OUTIL PORTATIVE, PARTIE DE RÉSEAU SANS VENTILATEUR ET SYSTÈME D'OUTIL

Publication

**EP 3227060 B1 20180711 (DE)**

Application

**EP 15801837 A 20151130**

Priority

- EP 14195557 A 20141201
- EP 2015078015 W 20151130

Abstract (en)

[origin: WO2016087344A1] The invention relates to a hand-held power tool (100), in particular a hammer drill or combination hammer, comprising a tool housing (90), which has a receiving recess (80) designed to replaceably receive a storage battery (200) or a power supply unit (300), the hand-held power tool (100) comprising an electric drive motor (70) having a cooling fan (60) and a first vent portion (50) which is located on the tool housing (90) outside the receiving recess (80) and through which a volume flow (V) generated by the cooling fan (60) can be guided. The tool housing (90) has a second vent portion (40) which is different from the first vent portion (50) and which is located in the receiving recess (80) and through which the volume flow (V) generated by the cooling fan (60) can be at least partially guided.

IPC 8 full level

**B25F 5/00** (2006.01)

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**EP 3028822 A1 20160608**; CN 107073695 A 20170818; CN 107073695 B 20200317; EP 3227060 A1 20171011; EP 3227060 B1 20180711; US 10569407 B2 20200225; US 2017334055 A1 20171123; WO 2016087344 A1 20160609

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