

Title (en)

ELECTRIC HAND-HELD MACHINE TOOL FOR CARRYING OUT GRINDING WORK, IN PARTICULAR AN ORBITAL SANDER

Title (de)

ELEKTROHANDWERKZEUGMASCHINE ZUM DURCHFÜHREN VON SCHLEIFARBEITEN, INSBESONDERE SCHWINGSCHLEIFER

Title (fr)

MACHINE-OUTIL ÉLECTRIQUE À MAIN POUR EFFECTUER DES TRAVAUX DE PONÇAGE, NOTAMMENT PONCEUSE VIBRANTE

Publication

**EP 2086720 B1 20100120 (DE)**

Application

**EP 06841266 A 20061024**

Priority

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Abstract (en)

[origin: WO2008049458A1] The invention provides an electric hand-held machine tool for carrying out grinding work, in particular an orbital sander, which has a drive plate (16), which can be driven by an electric motor to perform the grinding movement, and a grinding plate (21'), which can be detachably fastened to the said drive plate without using a tool and has means for fixing a sanding sheet (22'). To create a multifunctional device, with which different kinds of grinding work can be optimally carried out, a well-like depression (23) has been made in the upper side of the grinding plate (21'), facing the drive plate (16), with a planar well base (231) for receiving the drive plate (16) with interlocking engagement, and the detachable fastening of the grinding plate (21') without using a tool, preferably by Velcro attachment, is performed between the well base (231) and the face of the drive plate (16). Easy exchange of the grinding plate makes it possible for grinding plates (21) of different configurations to be changed quickly to suit different grinding work requirements.

IPC 8 full level

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CPC (source: EP US)

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