

Title (en)

HAND-HELD AND HAND-GUIDED POWER TOOL COMPRISING A WORKING ELEMENT RELEASABLY ATTACHED THERETO AND WORKING ELEMENT IN THE FORM OF A BACKING PAD FOR SUCH A POWER TOOL

Title (de)

HANDHALTBARES UND HANDGEFÜHRTES ELEKTROWERKZEUG MIT EINEM LÖSBAR DARAN ANGEBRACHTEN ARBEITSELEMENT UND ARBEITSELEMENT IN FORM EINES STÜTZTELLERS FÜR SOLCH EIN ELEKTROWERKZEUG

Title (fr)

OUTIL ÉLECTRIQUE GUIDÉ ET TENU À LA MAIN COMPRENANT UN ÉLÉMENT DE TRAVAIL FIXÉ AMOVIBLE ET ÉLÉMENT DE TRAVAIL SOUS LA FORME D'UN TAMPON D'APPUI POUR UN TEL OUTIL ÉLECTRIQUE

Publication

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Application

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Priority

EP 18155369 A 20180206

Abstract (en)

[origin: EP3520960A1] The invention refers to a hand-held and hand-guided power tool (1) comprising a housing (2) with a driving motor (11) located therein for actuating a driving shaft (27) upon operation of the driving motor (11) and further comprising a working element (9) connected to the driving shaft (27) in a torque proof manner and performing a working movement about its rotational axis (13) and/or in a working plane extending perpendicular to its rotational axis (13) as a result of operation of the driving motor (11) and consequently actuation of the driving shaft (27). In order to provide for an easy, quick and safe releasable attachment of the backing pad member (9) to the rest of the power tool (1) it is suggested that the working element (9) is connected to the driving shaft (27) in a torque proof manner by means of a form fit connection (16, 17) in a plane extending perpendicular to the rotational axis (13) of the backing pad member (9), wherein the form fit connection (16, 17) is releasable in an axial direction, and that the working element (9) is held within the form fit connection (16, 17) in respect to the driving shaft (27) in the axial direction by means of magnetic force.

IPC 8 full level

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CPC (source: CN EP US)

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Cited by

AT18203U1; EP3854523A1; EP4063069A1; EP3967457A1

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