

Title (en)
MANUALLY OPERATED WORK DEVICE

Title (de)
HANDGEFÜHRTES ARBEITSGERÄT

Title (fr)
APPAREIL DE TRAVAIL GUIDÉ À LA MAIN

Publication
EP 4169669 B1 20240807 (DE)

Application
EP 21203947 A 20211021

Priority
EP 21203947 A 20211021

Abstract (en)
[origin: CN116000373A] The invention relates to a hand-held work tool having a motor unit (2) and a handle unit (3). The motor unit (2) comprises a drive motor (10) for driving a tool of the work implement (1). The handle unit (3) comprises a handle (7). The motor unit (2) and the handle unit (3) are connected to each other via at least one anti-vibration element (11, 12, 13, 14). The first anti-seismic element (11) comprises a coil spring (20). A first retaining element (21) is mounted in a first end (24) of the coil spring (20). A second retaining element (22) is mounted in the second end (25) of the coil spring (20). The first holding element (21) is firmly connected to the motor unit (2). The second retaining element (22) is firmly connected to the handle unit (3). The retaining element (21, 22) has an end face (31, 32) arranged in the interior (34) of the coil spring (20). The end faces (31, 32) of the retaining elements (21, 22) have centering elements (35, 36) which can be brought into contact with each other and which center the retaining elements (21, 22) relative to each other. The end faces (31, 32) of the retaining elements (21, 22) form a stop for the movement of the handle (7).

IPC 8 full level
B25F 5/00 (2006.01); **B27B 17/00** (2006.01)

CPC (source: EP US)
B25F 5/006 (2013.01 - EP US); **B27B 17/0033** (2013.01 - EP); **B27B 17/0008** (2013.01 - US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4169669 A1 20230426; EP 4169669 B1 20240807; CN 116000373 A 20230425; US 2023128835 A1 20230427

DOCDB simple family (application)
EP 21203947 A 20211021; CN 202211292401 A 20221021; US 202217970177 A 20221020