

Title (en)
HANDLE DEVICE FOR A MACHINE TOOL

Title (de)
HANDGRIFFVORRICHTUNG FÜR EINE WERKZEUGMASCHINE

Title (fr)
DISPOSITIF DE TYPE POIGNÉE POUR UNE MACHINE-OUTIL

Publication
EP 4058248 A1 20220921 (DE)

Application
EP 20797795 A 20201104

Priority
• EP 19209161 A 20191114
• EP 2020080899 W 20201104

Abstract (en)
[origin: WO2021094155A1] The invention relates to a handle device (5) on a machine tool (1), in particular a hammer drill, comprising a drive (3), a controller (4), and a transmission device (6), said handle device containing a lever element which can be pivoted relative to a housing (2) of the machine tool. The lever element can be reversibly moved relative to the housing of the machine tool by exerting a force in a direction (A), and a sensor device (13) is included for detecting at least one first or second position of the lever element relative to the housing of the machine tool, wherein a first rotational speed is set for the drive if the first position of the lever element relative to the housing of the machine tool is detected, and a second rotational speed is set for the drive if the second position of the lever element relative to the housing of the machine tool is detected.

IPC 8 full level
B25D 17/04 (2006.01); **B25F 5/00** (2006.01); **B25F 5/02** (2006.01); **H01H 9/06** (2006.01); **H03K 17/95** (2006.01); **H03K 17/97** (2006.01)

CPC (source: CN EP US)
B25D 16/006 (2013.01 - US); **B25D 17/043** (2013.01 - CN EP US); **B25F 5/00** (2013.01 - CN EP); **B25F 5/02** (2013.01 - CN EP); **H03K 17/9517** (2013.01 - CN); **H03K 17/97** (2013.01 - CN EP); **B25D 2250/201** (2013.01 - CN EP); **B25D 2250/221** (2013.01 - CN EP US); **B25D 2250/265** (2013.01 - CN EP); **H01H 2009/068** (2013.01 - CN EP); **H03K 17/9517** (2013.01 - EP); **H03K 2017/9713** (2013.01 - CN EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3822035 A1 20210519; CN 114502329 A 20220513; CN 114502329 B 20240723; EP 4058248 A1 20220921; US 2024100673 A1 20240328; WO 2021094155 A1 20210520

DOCDB simple family (application)
EP 19209161 A 20191114; CN 202080068754 A 20201104; EP 2020080899 W 20201104; EP 20797795 A 20201104; US 202017768588 A 20201104