

Title (en)

PROTECTIVE DEVICE FOR A TOOL APPARATUS, AND SYSTEM COMPRISING A PROTECTIVE DEVICE AND A TOOL APPARATUS

Title (de)

SCHUTZVORRICHTUNG FÜR EIN WERKZEUGGERÄT, SOWIE SYSTEM, DAS EINE SCHUTZVORRICHTUNG UND EIN WERKZEUGGERÄT UMFASST

Title (fr)

DISPOSITIF DE PROTECTION DESTINÉ À UNE MACHINE-OUTIL, AINSI QUE SYSTÈME COMPRENANT UN DISPOSITIF DE PROTECTION ET UNE MACHINE-OUTIL

Publication

EP 3962699 A1 20220309 (DE)

Application

EP 19818139 A 20191217

Priority

- EP 19171534 A 20190429
- EP 2019085668 W 20191217

Abstract (en)

[origin: WO202221471A1] The present invention relates to a protective device for a tool apparatus. The tool device can more particularly be a hand-held, battery-powered apparatus such as a cutting grinder. In a main region, the tool apparatus preferably has main components, such as a motor, transmission and accumulators, which are effectively protected by the protective device against mechanical damage, for example in the event of a fall. Furthermore, the protective device prevents vibration being transferred from the tool apparatus to the user. In a second aspect, the invention relates to a system comprising a protective device and a tool apparatus.

IPC 8 full level

B25F 5/00 (2006.01); **B24B 23/02** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)

B24B 23/005 (2013.01 - EP US); **B24B 23/028** (2013.01 - EP US); **B24B 27/08** (2013.01 - EP); **B25F 5/006** (2013.01 - EP); **B25F 5/02** (2013.01 - 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 3733352 A1 20201104; CN 113613845 A 20211105; EP 3962699 A1 20220309; EP 3962699 B1 20240313; US 2022176511 A1 20220609; WO 2020221471 A1 20201105

DOCDB simple family (application)

EP 19171534 A 20190429; CN 201980094130 A 20191217; EP 19818139 A 20191217; EP 2019085668 W 20191217; US 201917601826 A 20191217