

Title (en)

SAFETY OPERATING DEVICE AND MACHINE TOOL SYSTEM COMPRISING SAID SAFETY OPERATING DEVICE

Title (de)

SICHERHEITSBEDIENVORRICHTUNG UND WERKZEUGMASCHINENSYSTEM MIT DER SICHERHEITSBEDIENVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE DE SÉCURITÉ ET SYSTÈME DE MACHINE-OUTIL COMPRENANT LEDIT DISPOSITIF DE COMMANDE DE SÉCURITÉ

Publication

EP 4192656 A1 20230614 (DE)

Application

EP 21749181 A 20210726

Priority

- DE 102020209908 A 20200805
- EP 2021070777 W 20210726

Abstract (en)

[origin: WO2022028930A1] The invention relates to a safety operating device (10) for operating a machine tool (12), in particular a hand-held machine tool, said device comprising at least one operating unit (14), in particular a dead-man unit, for actuating the machine tool (12), said operating unit being designed to be moved in a sequence of at least two mutually different actuating movements. A pre-activation unit (16) is proposed which is designed to enable activation of the machine tool (12) by means of an actuation by the operating unit (14).

IPC 8 full level

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

CPC (source: EP US)

B24B 23/028 (2013.01 - EP US); **B25F 5/00** (2013.01 - EP)

Citation (search report)

See references of WO 2022028930A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020209908 A1 20220210; CN 116056839 A 20230502; EP 4192656 A1 20230614; US 2023286104 A1 20230914; WO 2022028930 A1 20220210

DOCDB simple family (application)

DE 102020209908 A 20200805; CN 202180058088 A 20210726; EP 2021070777 W 20210726; EP 21749181 A 20210726; US 202118040375 A 20210726