

Title (en)

TOOL-CARRIER FOR A PUNCHING TOOL, SYSTEM WHICH HAS A PROCESSING MACHINE, A TOOL-CARRIER, AND A LIFTING MEANS, AND METHOD FOR CHANGING A PUNCHING TOOL

Title (de)

WERKZEUGTRÄGER VON STANZWERKZEUG, SYSTEM AUFWEISEND EINE BEARBEITUNGSMASCHINE, EINEN WERKZEUGTRÄGER UND EIN HUBMITTEL UND VERFAHREN ZUM WECHSELN VON STANZWERKZEUG

Title (fr)

PORTE-OUTIL DESTINÉ À UN OUTIL DE PERFORATION, SYSTÈME QUI POSSÈDE UNE MACHINE DE TRAITEMENT, UN PORTE-OUTIL, ET UN MOYEN DE LEVAGE, ET PROCÉDÉ DE CHANGEMENT D'UN OUTIL DE PERFORATION

Publication

**EP 4392215 A1 20240703 (DE)**

Application

**EP 22813964 A 20221104**

Priority

- DE 102021131719 A 20211202
- DE 102022101574 A 20220124
- EP 2022080816 W 20221104

Abstract (en)

[origin: WO2023099114A1] The invention relates to a tool-carrier (926) for a punching tool (915). The tool-carrier (926) has at least three storage spaces for supporting at least one respective punching tool (915). At least one storage space of the at least three storage spaces has at least one drawing element (927), wherein the at least one drawing element (927) can be drawn in the longitudinal direction of the storage space. The invention likewise relates to a system having a processing machine (01), at least one tool-carrier (926), and at least one lifting means (923) and to a method for changing punching tools (915) of a punch assembly (900) of a processing machine (01).

IPC 8 full level

**B26F 1/38** (2006.01); **A47B 88/40** (2017.01); **B23B 29/24** (2006.01); **B23Q 3/155** (2006.01); **B25H 3/02** (2006.01); **B26D 5/00** (2006.01); **B26F 1/44** (2006.01); **E05B 65/463** (2017.01)

CPC (source: EP)

**B23Q 3/155** (2013.01); **B25H 3/00** (2013.01); **B25H 3/04** (2013.01); **B26D 5/00** (2013.01); **B26F 1/384** (2013.01); **B26F 1/44** (2013.01); **B26F 2001/4463** (2013.01)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2023099114 A1 20230608**; EP 4392215 A1 20240703

DOCDB simple family (application)

**EP 2022080816 W 20221104**; EP 22813964 A 20221104