

Title (en)

BENDING TOOL STORAGE DEVICE AND METHOD FOR FEEDING A PRESS BRAKE

Title (de)

BIEGEWERKZEUG-SPEICHERVORRICHTUNG UND VERFAHREN ZUM BESCHICKEN EINER BIEGEPRESSE

Title (fr)

MAGASIN D'OUTILS DE CINTRAGE ET PROCÉDÉ DE CHARGEMENT D'UNE PRESSE-PLIEUSE

Publication

EP 3579987 B1 20210616 (DE)

Application

EP 18719409 A 20180207

Priority

- AT 500992017 A 20170208
- AT 2018060032 W 20180207

Abstract (en)

[origin: WO2018145137A1] The invention relates to a bending tool storage device (1) for storing bending tools (2), comprising: a preferably shelf-type rack (3) on which a plurality of storage locations (4) for bending tools (2) are arranged, at least one supply path (10), preferably in the form of a tool guide (11), for issuing and/or retrieving bending tools (2), and at least a first transfer unit (5) for transferring bending tools (2) between the storage locations (4) and a transfer point (6), characterized in that the bending tool storage device (1) includes, between the transfer point (6) and the supply path (10), a rotating mechanism (7) for rotating the bending tools (2).

IPC 8 full level

B21D 5/02 (2006.01); **B21D 37/14** (2006.01)

CPC (source: AT EP US)

B21D 5/0254 (2013.01 - AT EP US); **B21D 37/145** (2013.01 - AT EP US); **B21D 37/147** (2013.01 - AT); **Y10T 483/10** (2015.01 - US); **Y10T 483/1731** (2015.01 - 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)

WO 2018145137 A1 20180816; AT 519480 A4 20180715; AT 519480 B1 20180715; CN 110267749 A 20190920; CN 110267749 B 20210122; EP 3579987 A1 20191218; EP 3579987 B1 20210616; JP 2020506807 A 20200305; JP 7085556 B2 20220616; US 11717871 B2 20230808; US 2020001340 A1 20200102

DOCDB simple family (application)

AT 2018060032 W 20180207; AT 500992017 A 20170208; CN 201880010718 A 20180207; EP 18719409 A 20180207; JP 2019542528 A 20180207; US 201816480766 A 20180207