

Title (en)

DEVICE AND METHOD FOR THE REMOVAL OF A WORKPIECE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERAUSTRENNEN EINES WERKSTÜCKS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉCOUPAGE D'UNE PIÈCE

Publication

EP 3790681 B1 20220119 (DE)

Application

EP 19726906 A 20190507

Priority

- DE 102018003622 A 20180507
- DE 202018002305 U 20180507
- EP 2019025142 W 20190507

Abstract (en)

[origin: WO2019214855A1] The invention relates to a device for the removal of a number of workpieces (W) from a material strip (S), the device comprising a removal station (10), to which the material strip (S) can be fed and in which the workpiece (W) can be removed from the material strip (S) by an action on the material strip (S). The device (1) comprises a transporting arrangement, by means of which a workpiece strip (WS) containing the workpieces (W) removed from the material strip (S) and at least one residual strip (S', S'') containing the remaining region of the material strip (S) can be moved on further in a transporting arrangement. In accordance with the invention it is provided that a separation station (20) is arranged after the removal station (10) of the device (1) in the transport direction of the material strip (S), by means of which separation station (20) the workpiece strip (WS) containing the workpieces (W) can be separated in a first plane and the residual strip or the residual strips (S', S'') can be separated in a second plane distanced from the first plane.

IPC 8 full level

B21D 28/06 (2006.01); **B21D 37/08** (2006.01); **B21D 43/02** (2006.01); **B21D 43/28** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)

B21D 28/06 (2013.01); **B21D 37/08** (2013.01); **B21D 43/023** (2013.01); **B21D 43/287** (2013.01); **B26D 7/18** (2013.01)

Cited by

CN114309234A

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 2019214855 A1 20191114; EP 3790681 A1 20210317; EP 3790681 B1 20220119

DOCDB simple family (application)

EP 2019025142 W 20190507; EP 19726906 A 20190507