

Title (en)

Depositing and use separation station for a sheet blanking press

Title (de)

Ablage- und Nutzentrennstation für eine Bogenstanzmaschine

Title (fr)

Station de dépôt et de séparation des usages pour une machine à estamper des cintres

Publication

**EP 2399715 B1 20130123 (DE)**

Application

**EP 11168140 A 20110531**

Priority

DE 102010024778 A 20100623

Abstract (en)

[origin: EP2399715A1] The station (20) has a stroke movable lower tool (23) cooperating with a stroke movable upper tool (21) for separating copies of sheets, where the tools are coupled with each other by a coupling device. Sheets (6) are transported by a sheet transportation system (7) in a sheet transport plane (E) in the station. The coupling device is provided for temporary mechanical connection of the stroke movable lower tool with the upper tool. A machine drive (17) is connected with the stroke movable upper tool for stroke movement of the upper tool. Independent claims are also included for the following: (1) a flat bed sheet punching- and/or -embossing press comprising a depositing and copies separation station (2) a method for deposition of intermediate sheets on a delivery stack.

IPC 8 full level

**B26D 7/18** (2006.01); **B26D 7/32** (2006.01); **B26F 1/40** (2006.01); **B65H 29/04** (2006.01); **B65H 33/04** (2006.01)

CPC (source: EP)

**B26D 7/1818** (2013.01); **B26D 7/32** (2013.01); **B26D 7/325** (2013.01); **B65H 29/041** (2013.01); **B26D 7/0633** (2013.01); **B26F 1/38** (2013.01); **B26F 1/40** (2013.01); **B65H 2701/176** (2013.01); **B65H 2701/1762** (2013.01); **B65H 2701/18264** (2013.01); **B65H 2801/42** (2013.01)

Cited by

CN108772904A; CN114364624A; CN112744000A; CN106863435A; US11577928B2; WO2017157603A1

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)

**EP 2399715 A1 20111228**; **EP 2399715 B1 20130123**; CN 102390124 A 20120328; CN 102390124 B 20150506;  
DE 102010024778 A1 20111229

DOCDB simple family (application)

**EP 11168140 A 20110531**; CN 201110184096 A 20110621; DE 102010024778 A 20100623