

Title (en)
Cutting and stamping device

Title (de)
Schneide- und Stanzeinrichtung

Title (fr)
Dispositif de coupe et d'estampillage

Publication
EP 2335887 A1 20110622 (DE)

Application
EP 10192662 A 20101126

Priority
• DE 102009058590 A 20091217
• DE 102010024771 A 20100623

Abstract (en)
The device comprises a common upper knife carrier, which is operated in a stroke movement. A knife is attached at the upper knife carrier for head cutting (10), foot cutting (9), and front edge cutting (6) of the products (16). The device has a cutting station (17) for the front edge cutting and another cutting station (18) for the head and foot cutting. The device has a third cutting station (19), in which special punching is provided by a special punching tool (15) at the products. An independent claim is also included for a method for finishing of bound or attached products of paper sheets.

Abstract (de)
Die Erfindung betrifft eine Vorrichtung zum gleichzeitigen dreiseitigen Beschnitt von Produkten in zwei Schneidstationen (17,18). Die Vorrichtung weist eine dritte Bearbeitungsstation (19) auf, in der gleichzeitig zum Randbeschnitt in den vorigen Stationen Loch- oder Formstanzungen in das Produkt eingebracht werden können.

IPC 8 full level
B26D 1/09 (2006.01); **B26D 9/00** (2006.01); **B26F 1/14** (2006.01)

CPC (source: EP US)
B26D 1/09 (2013.01 - EP US); **B26D 9/00** (2013.01 - EP US); **B26F 1/14** (2013.01 - EP US); **B26D 2007/0081** (2013.01 - EP US); **B26F 2001/407** (2013.01 - EP US); **Y10T 83/0586** (2015.04 - EP US); **Y10T 83/869** (2015.04 - EP US)

Citation (applicant)
• EP 1152310 A1 20011107 - HEIDELBERGER DRUCKMASCH AG [DE]
• CH 561593 A5 19750515 - HARRIS INTERTYPE CORP

Citation (search report)
• [YDA] EP 1152310 A1 20011107 - HEIDELBERGER DRUCKMASCH AG [DE]
• [YDA] CH 561593 A5 19750515 - HARRIS INTERTYPE CORP
• [Y] DE 19720042 A1 19980903 - PERFECTA SCHNEIDEMASCHINENWERK GMBH [DE]
• [Y] GB 2113597 A 19830810 - WILL E C H
• [YA] DE 3938285 A1 19900628 - POLYGRAPH LEIPZIG [DD]
• [A] US 4056993 A 19771108 - BRETTTRAGER HENRY J

Cited by
CN103465292A

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

DOCDB simple family (publication)
EP 2335887 A1 20110622; **EP 2335887 B1 20170906**; CN 102101305 A 20110622; CN 102101305 B 20151216;
DE 102010024771 A1 20110622; US 2011146466 A1 20110623

DOCDB simple family (application)
EP 10192662 A 20101126; CN 201010547576 A 20101112; DE 102010024771 A 20100623; US 97183810 A 20101217