

Title (en)

Device for grinding a book cover onto the glued back of a book block having a separate drive

Title (de)

Einrichtung für das Anreiben einer Buchdecke an den beleimten Aussenflächen von Buchblocks mit separatem Antrieb

Title (fr)

Dispositif pour le broyage d'une couverture sur un dos collé de bloc de livre avec un entraînement séparé

Publication

EP 1780038 A1 20070502 (DE)

Application

EP 05405604 A 20051025

Priority

EP 05405604 A 20051025

Abstract (en)

The apparatus has a saddle plate (10) disposed on a circulating conveyor which moves the plate vertically upward. The plate is arranged to receive a book block (2) in a straddle like fashion with adhesive-coated outside surfaces being exposed. A pressing-on device (5) operates synchronously with the conveyor. The conveyor has two pressing-on rollers positioned opposite to each other in a pressing-on region. Drive motors are coupled with the pressing-on device and conveyor. A control unit (27) is operatively coupled to drives, where the drives include a controllable drive element.

IPC 8 full level

B42C 11/04 (2006.01)

CPC (source: EP US)

B42C 11/04 (2013.01 - EP US)

Citation (applicant)

EP 1072436 A1 20010131 - GRAPH A HOLDING AG [CH]

Citation (search report)

- [YD] EP 1072436 A1 20010131 - GRAPH A HOLDING AG [CH]
- [Y] DE 10110319 A1 20020905 - KOLBUS GMBH & CO KG [DE]
- [Y] DE 1536505 A1 19700205 - SMYTH MFG CO
- [Y] US 4732521 A 19880322 - KOLKHORST HELMUT [DE]
- [A] GB 776439 A 19570605 - LIONEL JOHN BRYANT RUSHENT FRE
- [A] DE 19955993 A1 20010523 - KOLBUS GMBH & CO KG [DE]
- [A] DE 7503902 U
- [A] DE 8816033 U1 19890209

Cited by

EP2287010A1; DE102015002696A1; EP2422992A1; EP2386507A1; EP2258559A1; US8475104B2; EP2386513A1; US9731537B2; EP3486079B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1780038 A1 20070502; EP 1780038 B1 20101229; EP 1780038 B2 20201118; AT E493275 T1 20110115; CN 1955011 A 20070502; CN 1955011 B 20101201; DE 502005010765 D1 20110210; DK 1780038 T3 20110411; US 2007092357 A1 20070426; US 8123450 B2 20120228

DOCDB simple family (application)

EP 05405604 A 20051025; AT 05405604 T 20051025; CN 200610142463 A 20061025; DE 502005010765 T 20051025; DK 05405604 T 20051025; US 58598906 A 20061025