

Title (en)

Device for joining book blocks and book covers

Title (de)

Vorrichtung zum Zusammenfügen von Buchblock und Buchdecke

Title (fr)

Dispositif d'assemblage de blocs de livres et de couvertures de livres

Publication

EP 2508352 A3 20160629 (DE)

Application

EP 12161732 A 20120328

Priority

DE 102011006901 A 20110406

Abstract (en)

[origin: EP2508352A2] An adhesive applicator (24) applies adhesive to outer side of book block (2) while conveyor (14) moves book block upwardly. A docking unit (18) aligns book cover (20) horizontally above adhesive applying unit so that back portion (2a) of book block is set at center portion of book cover. A bonding unit (28) bonds half portions of book cover at two sides of book block while upward motion of book block is continued by conveyor. A removal unit removes book block having book cover. The adhesive applicator stops application of adhesive during downward movement of book block.

IPC 8 full level

B42C 11/04 (2006.01)

CPC (source: BR EP US)

B42C 9/0012 (2013.01 - BR); **B42C 11/04** (2013.01 - BR EP US); **B42C 19/02** (2013.01 - BR)

Citation (search report)

- [A] DE 19955993 A1 20010523 - KOLBUS GMBH & CO KG [DE]
- [A] DE 19729529 A1 19980319 - KOLBUS GMBH & CO KG [DE]
- [A] DE 102006058089 A1 20080612 - KOLBUS GMBH & CO KG [DE]
- [AD] DE 19639575 A1 19980402 - BUCHBINDEREI STIENS & HISCHER [DE]

Cited by

CN103158387A; CN116080296A; DE102013002942A1

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 2508352 A2 20121010; EP 2508352 A3 20160629; BR 102012007808 A2 20150818; CN 102729687 A 20121017; DE 102011006901 A1 20121011; JP 2012218443 A 20121112; US 2012308336 A1 20121206; US 8790060 B2 20140729

DOCDB simple family (application)

EP 12161732 A 20120328; BR 102012007808 A 20120404; CN 201210181840 A 20120406; DE 102011006901 A 20110406; JP 2012086813 A 20120405; US 201213440190 A 20120405