

Title (en)

Transport device to process book blocks and glue binder

Title (de)

Transportvorrichtung zur Verarbeitung von Buchblocks mit Klebebinder

Title (fr)

Dispositif de transport destiné au traitement des blocs de livre et dispositif de reliure par collage

Publication

EP 2113392 B1 20130619 (DE)

Application

EP 08155486 A 20080430

Priority

EP 08155486 A 20080430

Abstract (en)

[origin: EP2113392A1] The binder has a conveying device for including a set of clamping devices for conveying a book block (8) along a closed circulating path. A set of processing stations are arranged successively along the closed circulating path. The processing stations include a spine-processing station, and an end sheet feed station (24) follows the spine-processing station. Each clamping device comprises an outside gripper (15) and an inside gripper (16) arranged inside the outside gripper. The outside gripper and the inside gripper respectively comprise a pair of holding elements. An independent claim is also included for a method for binding book blocks.

IPC 8 full level

B42C 11/04 (2006.01); **B42C 19/08** (2006.01)

CPC (source: EP US)

B42C 11/04 (2013.01 - EP US); **B42C 11/045** (2013.01 - EP US); **B42C 19/08** (2013.01 - EP US); **B65H 39/045** (2013.01 - EP US)

Cited by

ITCO20130025A1; DE102008033184B4; EP2631084A3; EP2517892A1; IT202200019059A1; US10131176B2; WO2020148778A1; WO2018054956A1; WO2018020352A1; WO2017080960A1; WO2024056876A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2113392 A1 20091104; **EP 2113392 B1 20130619**; CN 101570094 A 20091104; CN 101570094 B 20130529; EP 2457738 A1 20120530; EP 2457738 B1 20150211; JP 2009269404 A 20091119; JP 5578806 B2 20140827; US 2009274536 A1 20091105; US 8047522 B2 20111101

DOCDB simple family (application)

EP 08155486 A 20080430; CN 200910137933 A 20090430; EP 12156355 A 20080430; JP 2009111667 A 20090430; US 43241309 A 20090429