

Title (en)

Device for forming book blocks

Title (de)

Vorrichtung zur Bildung von Buchblöcken

Title (fr)

Dispositif de formation de corps d'ouvrage

Publication

EP 2876070 B1 20160323 (DE)

Application

EP 14188788 A 20141014

Priority

DE 102013017223 A 20131017

Abstract (en)

[origin: US2015110580A1] A device for forming book blocks is disclosed. The device includes a first conveying device which accepts signatures printed in a printing press located upstream. The device further includes at least one signature switch assigned to the first conveying device, multiple second conveying devices, and multiple book block formers, where each second conveying device is assigned a book block former and where each book block former can be supplied with signatures belonging to the same book block dependent on a position of the or each signature switch. The device further includes multiple placers, where each book block former is assigned a placer which accepts the book blocks formed in the respective book block former, and a third conveying device, onto which the book blocks can be placed with the help of the placers and which feeds the book blocks to a delivery device.

IPC 8 full level

B65H 39/115 (2006.01); **B42C 1/12** (2006.01); **B42C 9/00** (2006.01)

CPC (source: EP US)

B42C 1/12 (2013.01 - US); **B42C 1/125** (2013.01 - EP US); **B42C 9/0081** (2013.01 - EP US); **B42C 9/0087** (2013.01 - EP US); **B65H 31/30** (2013.01 - EP US); **B65H 31/3045** (2013.01 - EP US); **B65H 31/3081** (2013.01 - EP US); **B65H 37/04** (2013.01 - EP US); **B65H 39/115** (2013.01 - EP US); **B65H 2301/4223** (2013.01 - EP US); **B65H 2701/1829** (2013.01 - EP US)

Citation (opposition)

Opponent : Hunkeler AG

- EP 2460749 A1 20120606 - MUELLER MARTINI HOLDING AG [CH]
- EP 1334938 A1 20030813 - GRAPHIA HOLDING AG [CH]
- US 3773313 A 19731120 - BASSETT E
- US 5992838 A 19991130 - SAITOH NAHO [JP]
- WO 2008058405 A1 20080522 - FERAG AG [CH], et al
- US 3172656 A 19650309 - LUIS MESTRE
- WO 2010051651 A2 20100514 - FERAG AG [CH], et al
- TECHNISCHE ZEICHNUNG DER FIRMA HUNKELER AG DER ANLAGE SD7-II

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)

US 2015110580 A1 20150423; CN 104553440 A 20150429; DE 102013017223 A1 20150423; EP 2876070 A1 20150527; EP 2876070 B1 20160323; EP 2876070 B2 20190626

DOCDB simple family (application)

US 201414515963 A 20141016; CN 201410550009 A 20141017; DE 102013017223 A 20131017; EP 14188788 A 20141014