

Title (en)

PRINTING FINISHING SYSTEM AND METHOD FOR OPERATING A PRINT FINISHING SYSTEM

Title (de)

DRUCKWEITERVERARBEITUNGSANLAGE UND VERFAHREN ZUM BETRIEB EINER DRUCKWEITERVERARBEITUNGSANLAGE

Title (fr)

INSTALLATION DE TRAITEMENT ULTÉRIEUR D'IMPRESSION ET PROCÉDÉ POUR FAIRE FONCTIONNER UNE INSTALLATION DE TRAITEMENT ULTÉRIEUR D'IMPRESSION

Publication

EP 2571794 A1 20130327 (DE)

Application

EP 11719223 A 20110504

Priority

- CH 8052010 A 20100521
- EP 2011057141 W 20110504

Abstract (en)

[origin: WO2011144451A1] The invention relates to a device (2) and method for producing complex multipart collections (K1) of printed products, comprising at least two partial collections (T1, T2, T3) of precursors. The print finishing systems (2) according to the invention for collating and finishing flat precursors (V) comprise a collating device (6) having a conveyor track (41) on which a plurality of receptacle units (50) disposed in series in the circulating direction circulate in a closed circuit for receiving collated precursors (V), and on which a plurality of feeder apparatuses (101-112) are disposed in series in the circulating direction in at least one collating region (11, 12), from which precursors (V) are dispensed into the receptacle units (50) moving past on the conveyor track. A transfer apparatus (30) is disposed in at least one location of the conveyor track (42), transferring collated first partial collections (T1) from the receptacle units (50) for further processing, and a collator (31, 32) is disposed in at least one further location of the conveyor track (41, 43), collating further collated partial collections (T3, T4) from the receptacle units (50) into collections (K1) with the first partial collections (T1) or printed products comprising the first partial collection.

IPC 8 full level

B65H 29/58 (2006.01); **B65H 39/02** (2006.01)

CPC (source: EP US)

B41F 23/08 (2013.01 - EP US); **B65H 29/58** (2013.01 - EP US); **B65H 39/02** (2013.01 - EP US); **B65H 2301/14** (2013.01 - EP US); **B65H 2301/4311** (2013.01 - EP US); **B65H 2301/4322** (2013.01 - EP US); **B65H 2301/435** (2013.01 - EP US); **B65H 2301/438** (2013.01 - EP US)

Citation (search report)

See references of WO 2011144451A1

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)

WO 2011144451 A1 20111124; AU 2011254816 A1 20130110; AU 2011254816 B2 20160128; CA 2799896 A1 20111124; CH 703176 A1 20111130; EP 2571794 A1 20130327; EP 2571794 B1 20160713; US 2013209151 A1 20130815; US 9186882 B2 20151117

DOCDB simple family (application)

EP 2011057141 W 20110504; AU 2011254816 A 20110504; CA 2799896 A 20110504; CH 8052010 A 20100521; EP 11719223 A 20110504; US 201113699536 A 20110504