

Title (en)

METHOD FOR PROCESSING TWO PRODUCT FLOWS OF PRINTED PRODUCTS AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM BEARBEITEN ZWEIER PRODUKTESTRÖME VON DRUCKPRODUKTEN SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ POUR TRAITER DEUX FLUX DE PRODUITS D'IMPRESSION ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCÉDÉ

Publication

EP 2509899 B1 20161123 (DE)

Application

EP 10794937 A 20101207

Priority

- CH 18802009 A 20091207
- EP 2010069100 W 20101207

Abstract (en)

[origin: WO2011070031A1] The invention relates to a method for inserting printed products in a product flow of printed products (25) preferably produced in a rotary printing process and fed to further print processing, wherein a first product flow in the form of a shingle stream of approaching printed products (25) is combined with further printed products not originating in the first product flow, into a second product flow fed to further print processing at a speed (products/time) uncoupled from the first product flow. The two subsequent product flows are uncoupled in a space-saving and flexible manner, preferably in that the printed products (25) fed in the first product flow are simultaneously intermediately stored for continuous buffering in a substantially quasi-static state and in a compressed arrangement, and after the intermediate storage are fed at a variable speed in the second product flow to further print processing. By introducing printed products from further sources into the first product flow, the capacity of further print processing can be optimally utilized.

IPC 8 full level

B65H 1/30 (2006.01); **B65H 5/26** (2006.01); **B65H 5/34** (2006.01); **B65H 7/18** (2006.01); **B65H 29/00** (2006.01); **B65H 29/66** (2006.01);
B65H 33/12 (2006.01); **B65H 39/06** (2006.01); **B65H 83/02** (2006.01)

CPC (source: EP)

B65H 1/30 (2013.01); **B65H 5/26** (2013.01); **B65H 5/34** (2013.01); **B65H 7/18** (2013.01); **B65H 29/003** (2013.01); **B65H 29/66** (2013.01);
B65H 83/02 (2013.01); **B65H 2301/14** (2013.01); **B65H 2301/15** (2013.01); **B65H 2301/16** (2013.01); **B65H 2301/42134** (2013.01);
B65H 2511/15 (2013.01); **B65H 2513/512** (2013.01)

Citation (examination)

US 5326088 A 19940705 - NEWSOME JOHN R [US]

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)

CH 702403 A1 20110615; EP 2509899 A1 20121017; EP 2509899 B1 20161123; WO 2011070031 A1 20110616

DOCDB simple family (application)

CH 18802009 A 20091207; EP 10794937 A 20101207; EP 2010069100 W 20101207