

Title (en)

Method and installation for temporarily storing and/or rearranging overlapping printed products

Title (de)

Verfahren und Anlage zur Zwischenlagerung und/oder Umordnung von Druckprodukten in Schuppenformation

Title (fr)

Procédé et installation pour l'emmagasinement intermédiaire et/ou le réarrangement de produits imprimés imbriqués en écailles

Publication

EP 0505320 B1 19961211 (DE)

Application

EP 92810181 A 19920311

Priority

CH 88891 A 19910322

Abstract (en)

[origin: EP0505320A1] The method described, printed products, which are received from a processing stage (10) in an overlapping arrangement, to be temporarily stored and rearranged in such a way that they can in turn be fed into a processing stage (20) for further processing in an overlapping arrangement which may have a different number of imbricated streams, different speeds and a different sequence of various printed products. The method is carried out in three method zones: in the first method zone (1) which is connected to the processing stages (10) and (20) and in which imbricated streams (S) are wound onto winding cores (WK) or rolls (W) are unwound to make imbricated streams (S); in the second method zone (2), in which rolls (W) and cores (WK) are transported between the buffer zone and the winding station and in which storage units (horizontal pairs of rolls (WP) and core collars (R)) are made and unmade; and in the third method zone (3) in which storage units (WP, R) are placed in and taken out of store. Printed products, and storage aids which solely consist of winding cores with tapes, are manipulated in all method zones. One advantageous feature of the method according to the invention is that the devices used in the individual method zones are specific to those method zones and not to products or storage aids.

IPC 1-7

B65H 29/00

IPC 8 full level

B41F 13/00 (2006.01); **B41F 33/00** (2006.01); **B42C 19/02** (2006.01); **B65H 5/28** (2006.01); **B65H 29/00** (2006.01); **B65H 75/00** (2006.01)

CPC (source: EP US)

B65H 29/006 (2013.01 - EP US); **B65H 2405/4221** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Cited by

EP1090865A1; CH690300A5; DE19634568B4; EP0950626A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0505320 A1 19920923; **EP 0505320 B1 19961211**; AT E146155 T1 19961215; AU 1292192 A 19920924; AU 652425 B2 19940825; CA 2063235 A1 19920923; CA 2063235 C 19990824; DE 59207643 D1 19970123; FI 106548 B 20010228; FI 921210 A0 19920320; FI 921210 A 19920923; JP 3249568 B2 20020121; JP H05124174 A 19930521; RU 2071925 C1 19970120; US 5398883 A 19950321

DOCDB simple family (application)

EP 92810181 A 19920311; AT 92810181 T 19920311; AU 1292192 A 19920316; CA 2063235 A 19920317; DE 59207643 T 19920311; FI 921210 A 19920320; JP 6511192 A 19920323; SU 5011420 A 19920320; US 27698894 A 19940720