

Title (en)

Method and device for separating and piling printing products from a transport stream

Title (de)

Verfahren und Vorrichtung zum Ausschleusen von Druckprodukten aus einem Förderstrom und zum Bilden von Stapeln aus den ausgeschleusten Druckprodukten

Title (fr)

Méthode et dispositif pour séparer et empiler du courant de transport des articles imprimés

Publication

EP 0870710 B1 20030910 (DE)

Application

EP 98104669 A 19980316

Priority

CH 80097 A 19970407

Abstract (en)

[origin: EP0870710A1] The printed products (2) are conveyed in suspended position crosswise to their main surfaces. Conveyors (13) or one conveyor (11) convey holders (1) along a conveyor stretch. A stacking surface (4) has an underneath foot (5) and protrudes into the flow of conveyed articles. The stacking surface has a top edge on a plane parallel with the main surfaces of the printed products. The holders are equidistant on the conveyor and are opened separately by pick-up pieces (11).

IPC 1-7

B65H 29/04; B65H 39/115

IPC 8 full level

B65H 31/00 (2006.01); **B65H 29/04** (2006.01); **B65H 39/075** (2006.01); **B65H 39/115** (2006.01)

CPC (source: EP US)

B65H 29/003 (2013.01 - EP US); **B65H 39/075** (2013.01 - EP US); **B65H 39/115** (2013.01 - EP US); **B65H 2301/323** (2013.01 - EP US);
B65H 2405/55 (2013.01 - EP)

Cited by

US6749190B2; US6821080B2; WO0208101A1

Designated contracting state (EPC)

CH DE DK FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0870710 A1 19981014; EP 0870710 B1 20030910; CA 2232804 A1 19981007; DE 59809524 D1 20031016; DK 0870710 T3 20031208;
JP H10310307 A 19981124; US 6325592 B1 20011204

DOCDB simple family (application)

EP 98104669 A 19980316; CA 2232804 A 19980323; DE 59809524 T 19980316; DK 98104669 T 19980316; JP 9350598 A 19980406;
US 5547398 A 19980406