

Title (en)

Device for bringing flat products to a processing device for printed products

Title (de)

Vorrichtung zum Zubringen von flächigen Erzeugnissen zu einer Verarbeitungseinrichtung für Druckereiprodukte

Title (fr)

Dispositif pour transporter les objets plats à un dispositif de traitement de produit imprimé

Publication

EP 0606550 B1 19970416 (DE)

Application

EP 93117795 A 19931103

Priority

CH 10793 A 19930114

Abstract (en)

[origin: EP0606550A1] Flat products (10) are fed to the reception region (18) by means of the conveying device (16). Arranged under the conveying device (16) is a transfer conveyor (22) which has individually controllable clamps (20) articulated on a wheel-like supporting member (30). The clamps (20) are controlled in such a way that, in the reception region (18), the clamp jaw (26) is directed forwards, as seen in the direction of rotation (U). In the reception region (18), the clamp (20) drops level with the product (10) and grasps the latter at the trailing edge (10'). During rotation about the axis of rotation (24) in relation to the transfer region (28), the clamp (20) is pivoted in the direction (S) opposite to the direction of rotation (U). In the transfer region (28), the products (10) are transferred to the processing device (12). <IMAGE>

IPC 1-7

B65H 29/06

IPC 8 full level

B65G 47/86 (2006.01); **B65H 29/04** (2006.01); **B65H 29/06** (2006.01); **B65H 29/12** (2006.01); **B65H 29/40** (2006.01)

CPC (source: EP US)

B65H 29/003 (2013.01 - EP US); **B65H 29/06** (2013.01 - EP US); **B65H 2301/4474** (2013.01 - EP US); **B65H 2405/5831** (2013.01 - EP US); **B65H 2405/5832** (2013.01 - EP US); **Y10T 156/15** (2015.01 - EP US); **Y10T 156/1771** (2015.01 - EP US); **Y10T 156/178** (2015.01 - EP US)

Cited by

EP0699611A1; EP0776771A1; EP2179952A1; US6186500B1; US8378829B2; US6168152B1; US8419879B2; EP0709218A1; EP2168894A2; US8056705B2; EP2592031A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0606550 A1 19940720; **EP 0606550 B1 19970416**; AT E151722 T1 19970515; AU 5256793 A 19940721; AU 660242 B2 19950615; CA 2113395 A1 19940715; DE 59306186 D1 19970522; DK 0606550 T3 19971006; ES 2100421 T3 19970616; FI 111539 B 20030815; FI 940177 A0 19940113; FI 940177 A 19940715; JP 3331441 B2 20021007; JP H06239510 A 19940830; US 5425837 A 19950620

DOCDB simple family (application)

EP 93117795 A 19931103; AT 93117795 T 19931103; AU 5256793 A 19931220; CA 2113395 A 19940113; DE 59306186 T 19931103; DK 93117795 T 19931103; ES 93117795 T 19931103; FI 940177 A 19940113; JP 35410793 A 19931230; US 17396793 A 19931223