

Title (en)

Device for removing printed products from a saddle conveyor

Title (de)

Vorrichtung zur Entnahme von rittlings transportierten Druckprodukten

Title (fr)

Dispositif pour enlever des produits imprimés d'un transporteur en forme de selle

Publication

EP 0771675 A1 19970507 (DE)

Application

EP 96810717 A 19961028

Priority

CH 312195 A 19951103

Abstract (en)

The printed products (4) are conveyed astride a saddle-like support (2) on the conveyor (3), e.g. for stapling, and spaced on it by flights. They are removed from the conveyor by a controllable clamp (7) under which the conveyor runs tangentially to allow the device to grasp a fold (9) or open side of the product. Preferably, the clamp has a carrier (11), rotating about a drive axle (6) and carrying mounting bodies (10) on which tongs (8) are positioned. A gear unit (13) is driven by rotation of the carrier and rotates the mounting body about the same angle as the rotation of the carrier but in the opposite direction, through an intermediate gear (15).

Abstract (de)

Zur Entnahme von auf einer sattelförmigen Auflage (2) einer Fördereinrichtung (3) durch umlaufende Mitnehmer (5) rittlings transportierten Druckprodukten (4), ist oberhalb der Fördereinrichtung (3) eine rotierend angetriebene Klemmvorrichtung (7) angeordnet, die die Druckprodukte (4) an der Fördereinrichtung (3) erfasst und lagestabil abhebt. <IMAGE>

IPC 1-7

B42C 19/08

IPC 8 full level

B42B 9/04 (2006.01); **B42C 19/08** (2006.01); **B65H 5/32** (2006.01); **B65H 29/02** (2006.01)

CPC (source: EP)

B42C 19/08 (2013.01); **B65H 29/06** (2013.01); **B65H 2301/44714** (2013.01); **B65H 2301/4479** (2013.01)

Citation (applicant)

CH 358100 A 19611115 - MUELLER HANS [CH]

Citation (search report)

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- [Y] DE 8801544 U1 19880526
- [Y] US 4471955 A 19840918 - BRADLEY JOHN J [US], et al

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Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0771675 A1 19970507; JP H09188437 A 19970722

DOCDB simple family (application)

EP 96810717 A 19961028; JP 29204596 A 19961101