

Title (en)
DEVICE FOR TRANSPORTING FLAT PRODUCTS, IN PARTICULAR PRINTED PRODUCTS

Publication
EP 0300171 B1 19901219 (DE)

Application
EP 88108587 A 19880528

Priority
CH 275387 A 19870721

Abstract (en)
[origin: EP0300171A1] Grippers (14) are fixed to elements (62) of a rotationally driven conveying chain (58). The leading edge (13') of each product (12) of an overlapping stream (S), in which each product (12) lies on the following product, is brought into contact with a clamping jaw (78) of a gripper (14) and is seized from above by a clamping finger (90). The conveying direction (B) of the transporting device (10) and of the feed conveyor (11) is rectified in the transfer region (A). During the closing movement along the path of movement (136), the clamping finger (90) lifts the region of the preceding product (12) which covers the leading edge (13') of the product (12) to be seized. <IMAGE>

IPC 1-7
B65H 29/00; **B65H 29/04**; **B65H 29/66**

IPC 8 full level
B65H 29/04 (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)
B65H 29/003 (2013.01 - EP US); **B65H 29/669** (2013.01 - EP US); **B65H 2301/4471** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US)

Citation (examination)
CH 630583 A5 19820630 - FERAG AG [CH]

Designated contracting state (EPC)
CH DE LI SE

DOCDB simple family (publication)
EP 0300171 A1 19890125; **EP 0300171 B1 19901219**; DE 3861306 D1 19910131; JP 2542238 B2 19961009; JP S6434847 A 19890206; US 4905986 A 19900306

DOCDB simple family (application)
EP 88108587 A 19880528; DE 3861306 T 19880528; JP 16864588 A 19880706; US 21920688 A 19880715