

Title (en)
DEVICE FOR PROCESSING FOLDED PRODUCTS

Publication
EP 0169490 B1 19870902 (DE)

Application
EP 85108923 A 19850717

Priority
DE 3427558 A 19840726

Abstract (en)
[origin: US4605213A] The folded items (9) arriving from a folding apparatus (1) are grasped on the leading folded spine (10) by forward grippers (12) on an opening cylinder (8). Then the overhang (11) of each item is grasped by rearward grippers (13). Because of centrifugal force and optionally by means of an electrostatic charging device (7), the lower part of the folded item (9), after being released from the conveyor belts (5, 6), is repelled. As a result, rods (14) secured on a chain system (15) can be introduced, during their upward movement that is at a tangent to the opening cylinder (8), it between the two halves of one printed item, after which the transporting of the folded items (9) to further chain systems (such as 17) can be effected. Subsequently, folded items (9) can be collected one on top of the other and/or accelerated or delayed in accordance with how the transfer location is embodied.

IPC 1-7
B65H 5/30; **B65H 29/58**; **B65H 29/68**; **B65H 39/045**

IPC 8 full level
B65H 5/30 (2006.01); **B65H 29/00** (2006.01); **B65H 29/04** (2006.01); **B65H 29/58** (2006.01); **B65H 29/68** (2006.01); **B65H 39/045** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)
B65H 29/00 (2013.01 - EP US); **B65H 2301/44795** (2013.01 - EP US)

Cited by
US5474285A; US5301937A; DE4033759A1; EP0451573A1; EP0190641A3; US5462266A; EP0518063A1; US5292111A; EP0250772B1

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