

Title (en)

Method and device for opening folded printing products

Title (de)

Verfahren und Vorrichtung zum Öffnen von gefalteten Druckereiprodukten

Title (fr)

Procédé et dispositif pour ouvrir des produits d'imprimerie pliés

Publication

EP 0564812 B1 19970528 (DE)

Application

EP 93103235 A 19930301

Priority

CH 111692 A 19920406

Abstract (en)

[origin: EP0564812A1] The printing products (20) are transported in the conveying direction (F) whilst being suspended by being held at their fold (22) by transporting clamps (14) of the conveying device (10). Their end region (28) rests on the supporting member (30) and the upper-lying product part (32) projects with its edge section (34) beyond the underlying product part (36). The two product parts (32, 36) are each assigned a gripper (38, 40) of the opening device (24), which are each arranged on a drawing member (42, 44), driven in a circulating manner. The clamping tongue (64) of the first gripper (38) engages under the edge section (34) and, upon running onto the opening link (78), lifts off the product part (32) from the underlying product part (36). The second gripper (40) seizes the lifted-off product part (32) in the edge section (34) and, upon lowering of the clamping tongue (64) into the closed position, the latter firmly clamps between itself and the clamping jaw (66) of the first gripper (38) the product part (36) at the end edge (36'). Since the first gripper (38) runs around at greater speed (v1) than the second gripper (40), the two product parts (32, 36) are lifted off each other in the conveying direction (F). <IMAGE>

IPC 1-7

B65H 5/30; **B65H 29/04**; **B65H 5/32**

IPC 8 full level

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CPC (source: EP US)

B65H 5/308 (2013.01 - EP US); **B65H 5/32** (2013.01 - EP US); **B65H 29/003** (2013.01 - EP US); **B65H 2301/323** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44795** (2013.01 - EP US)

C-Set (source: EP US)

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AT CH DE ES FR GB IT LI NL SE

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