

Title (en)

Device for removing folded products from a carrying structure.

Title (de)

Vorrichtung zur Entnahme von Falzprodukten aus einer Trägerstruktur.

Title (fr)

Dispositif pour enlever des produits pliés d'une structure porteuse.

Publication

EP 0396998 A2 19901114 (DE)

Application

EP 90108197 A 19900428

Priority

DE 3915228 A 19890510

Abstract (en)

[origin: JPH03102061A] PURPOSE: To reliably and stably form a stack body by providing grippers of a conveying device for sequentially releasing respective folded products after determining the direction on a storage table after picking up the folding products and transferring them in the perpendicular direction, and picking up the folded products from a carrier structure while maintaining the connecting part. CONSTITUTION: Grippers 40', 41' of a strut 35' pick up a folded product 2 upwardly released into a V shape from a carrier structure 23'. After that, the strut 35' is guided with the folded product 2 to the other strut along a guide member 56, grippers 40, 41 of a strut 35 grip the folded product 2 at the opposite ends, and both struts 35, 35' are rotated at 180 deg. around the same center along a ring-shaped guide member 62. After a protrusion is introduced in order to release and hold the folded product 2, the strut 35' is returned and rotated at 180 deg. and then returned and moved to the initial position on the support structure 23' along the guide member 56.

Abstract (de)

Falzprodukte (1, 2) werden aus einer Trägerstruktur (23) mittels einer Transportvorrichtung (75) entnommen. Die Falzprodukte (1, 2) befinden sich zunächst kammartig ineinanderliegend in der Trägerstruktur (23). Nach Übernahme der kammartig ineinanderliegenden Falzprodukte (1, 2) durch die Transportvorrichtung (75) und deren Überführung in eine Vertikale (95) erfolgt durch Öffnung von an der Transportvorrichtung (75) im Abstand voneinander angeordneten Greifern (84, 85) im Bereich eines Umlenkrades (97) die aufeinanderfolgende Stapelung der Falzprodukte (1, 2) auf einem Stapel (99) unter Beibehaltung ihrer kammartigen Struktur.

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