

Title (en)

Transport device for gathering and transporting printed sheets laid astride on a first transport chain

Title (de)

Fördereinrichtung zum Sammeln und Transportieren von auf einer ersten Förderkette rittlings aufgelegten Druckbogen

Title (fr)

Dispositif de transport pour assembler et transporter des feuilles imprimées déposées à cheval sur un premier convoyeur à chaîne

Publication

EP 1232978 A1 20020821 (DE)

Application

EP 01810087 A 20010130

Priority

EP 01810087 A 20010130

Abstract (en)

[origin: US2002101019A1] A conveying device for collecting and transporting printed sheets has a first chain conveyor on which the printed sheets are placed astraddle to be conveyed in a conveying direction. A second chain conveyor is arranged downstream of the first chain conveyor in the conveying direction and synchronized with the first chain conveyor. An intermediate conveying device is arranged between the first and second chain conveyors and configured to grip intermediate products of collected printed sheets formed at the end of the collecting process on the first chain conveyor and to transport and transfer the intermediate products onto the second chain conveyor. The intermediate conveying device has a circulating traction mechanism and controllable grippers connected to the traction mechanism. The grippers grip a fold of the intermediate products lifted off the first chain conveyor and transport the intermediate products in an open position to the second chain conveyor.

Abstract (de)

Die Fördereinrichtung weist ein Zwischenförderorgan (10) auf, das die Teilprodukte (99) einzeln von einer ersten Förderkette (2, 3) übernimmt, eine vorbestimmte Strecke (9) transportiert und an eine weitere Vorrichtung (8) übergibt. Das Zwischenförderorgan (10) besitzt einen Taktransporteur (11) mit mehreren Greifern (22), welche die Teilprodukte (99) jeweils oben fassen und über die genannte Strecke (9) geführt transportieren. Vorzugsweise weist der Taktransporteur (11) eine Gelenkkette (18) auf, an welcher die Greifer (22) befestigt sind. <IMAGE>

IPC 1-7

B65H 5/32; **B42C 19/08**; **B65H 29/04**

IPC 8 full level

B42B 2/00 (2006.01); **B42B 9/04** (2006.01); **B42C 19/08** (2006.01); **B65H 5/32** (2006.01); **B65H 29/28** (2006.01); **B65H 39/075** (2006.01)

CPC (source: EP US)

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Citation (applicant)

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Citation (search report)

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