

Title (en)  
DEVICE FOR COLLECTING FOLDED PRINTING SHEETS

Publication  
**EP 0095603 B1 19860312 (DE)**

Application  
**EP 83104528 A 19830507**

Priority  
CH 335082 A 19820601

Abstract (en)  
[origin: US4489930A] Along a collecting conveyor serving to take-up the folded printed sheets in a straddling fashion there is arranged a number of infeed members serving to feed the printed sheets. The infeed members have a delivery region which merges with the collecting conveyor. To increase the efficiency or output of the apparatus without increasing the conveying velocity of the collecting conveyor and to additionally spare the printed sheets from undergoing a sudden change in their direction of movement during the transition from the infeed members to the collecting conveyor, each of the infeed members contain controlled gripper units attached to an endless revolving traction element and serve to grip the fold of the printed sheets. At least the delivery region of the infeed members extends in the same direction as the conveying direction of the collecting conveyor which, in turn contains a number of receiving saddles for receiving the printed sheets, these saddles being arranged at a distance from each other and extending transversely with respect to the conveying direction.

IPC 1-7  
**B65H 39/065**

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 39/02** (2013.01 - EP US); **B65H 39/06** (2013.01 - EP US); **B65H 2301/436** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44795** (2013.01 - EP US)

C-Set (source: EP US)  
1. **B65H 2301/44712** + **B65H 2220/02**  
2. **B65H 2301/44795** + **B65H 2220/01**

Cited by  
EP0267365A1; US5104108A; EP0600216A1; EP0564812A1; CH668408A5; EP0208081A1; US4684117A; EP0819641A1; US5292110A; CH667859A5; EP1780156A1; US5657978A; EP0237701A1; EP0218872A3; US4706951A; CH668245A5; US5474285A; EP0354343A1; CH682911A5; EP0566531A1; US5417410A; EP0341423A1; EP0210494A1; CH669585A5; DE3620945A1; FR2584056A1; US4684116A; CH667620A5; DE3620945C5; US5887532A; US5810345A; CH691058A5; US5277413A; EP0551055A3; DE3616566A1; US4735406A; DE3616566C5; DE3645276C2; DE3645276C5; DE3508416A1; DE3645393B4; EP0685420A1; US6457803B1; US8424861B2; US7572090B2; WO9420400A1; WO2007053964A1; US7762385B2; US7900902B2; US8246031B2

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