

Title (en)
Device for treating printed products.

Title (de)
Einrichtung zum Verarbeiten von Druckereiprodukten.

Title (fr)
Dispositif pour traiter des produits imprimés.

Publication
EP 0341424 A2 19891115 (DE)

Application
EP 89106112 A 19890407

Priority
CH 179688 A 19880511

Abstract (en)
[origin: JPH0218257A] PURPOSE: To easily insert, collate or collect printed products by arranging a control device for opening/closing a clamp regardless of motion of a carriage. CONSTITUTION: A first supply conveyor introduces printing paper sheets 34 into respective divisions passing through in the prescribed direction under this conveyor. In this case, a clamp tongue 54 in a collating drum 12 exists in an opening position, so that the printing paper sheets 34 fall on the bottom surface of a carriage 50. Next, in rotating in the arrow (u) direction, a roller 94 of a lever arm 92 slides in a rail piece 54, so that the clamp tongue 54 is transferred to a closing position through the lever arm 92. As a result, the printing paper sheets 34 are fixed between the clamp tongue 54 and a wall element 84, and are advanced in the sending direction according to a control rail 74. That is, a spiral transfer passage to the next supply conveyor is formed. Next, when a division 14 reaches a circulating range, the clamp tongue 54 is transferred to the opening position to start a return stroke.

Abstract (de)
Jedem Abteil einer Trommel zum Zusammentragen, Einstecken oder Sammeln von Druckbogen (34) sind Wagen (50) zugeordnet, welche im Zuge einer Umdrehung in Umlaufrichtung (U) einen Förder- und einen Rückhub in bzw. entgegen Pfeilrichtung (F) ausführen. An jedem Wagen sind schwenkbare Klemmzungen (54) vorgesehen, die mittels parallel zur Bewegungsrichtung (F) der Wagen (50) verlaufenden Schienenstücken (56), welche in Richtung H) bewegbar sind, steuerbar sind. Dadurch lassen sich die Klemmzungen (54) unabhängig von der Lage und Geschwindigkeit der Wagen (50) in oder entgegen Pfeilrichtung (F) schliessen bzw. öffnen.

IPC 1-7
B65H 39/065

IPC 8 full level
B65H 31/28 (2006.01); **B65H 5/32** (2006.01); **B65H 29/10** (2006.01); **B65H 29/40** (2006.01); **B65H 33/18** (2006.01); **B65H 39/065** (2006.01)

CPC (source: EP US)
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C-Set (source: EP US)
B65H 2301/44712 + **B65H 2220/01** + **B65H 2220/02**

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AT BE CH DE ES FR GB IT LI NL SE

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