

Title (en)

Device for taking over, storing and delivering paper sheets or folded products.

Title (de)

Vorrichtung zur Übernahme, Speicherung und Abgabe von Bogenstücken oder Falzprodukten.

Title (fr)

Dispositif de réception, accumulation et délivrance de feuilles de papier ou produits pliés.

Publication

EP 0511534 B1 19950301 (DE)

Application

EP 92106211 A 19920410

Priority

DE 4114095 A 19910430

Abstract (en)

[origin: JPH05132187A] PURPOSE: To simplify a device and to form an empty storage without occupying a wide space. CONSTITUTION: A flexible steel belt drawn from a feed roll, curved through a guide roller and wound around storage roll is provided as a conveyer. An elastic steel belt 1 has plural U-shaped punches 7 arranged at equal intervals in longitudinal direction at the center thereof, and a tongue 5 to present a gripper function is edged by the respective U-shaped punches. While the steel belt 1 is curved through the guide roller, the tongue 5 is opened while being tangentially protruded for receiving one paper sheet or signature and when straightly guiding the steel belt 1, the tongue can be closed for holding one paper sheet or signature 19 in the state of gripper in contact with the steel belt 1.

IPC 1-7

B65H 5/28; **B65H 29/04**

IPC 8 full level

B65H 5/28 (2006.01); **B65H 3/08** (2006.01); **B65H 5/08** (2006.01); **B65H 29/00** (2006.01); **B65H 29/04** (2006.01); **B65H 29/51** (2006.01)

CPC (source: EP US)

B65H 3/0816 (2013.01 - EP US); **B65H 5/085** (2013.01 - EP US); **B65H 29/006** (2013.01 - EP US); **B65H 29/048** (2013.01 - EP US); **B65H 2301/41922** (2013.01 - EP US); **B65H 2404/2311** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (examination)

- US 3409290 A 19681105 - BERGLAND HARRY R
- US 4647032 A 19870303 - OBA HARUTARO [JP]

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

DE 4114095 C1 19920730; DE 59201500 D1 19950406; EP 0511534 A2 19921104; EP 0511534 A3 19930331; EP 0511534 B1 19950301; JP H05132187 A 19930528; US 5228670 A 19930720

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