

Title (en)

Device for delivering prints from the paddle wheels of a folding apparatus.

Title (de)

Vorrichtung zur Ausgabe von Druckexemplaren aus den Schaufelrädern eines Falzapparates.

Title (fr)

Dispositif pour émettre des imprimés à partir des roues à aubes d'une plieuse.

Publication

**EP 0307889 A2 19890322 (DE)**

Application

**EP 88115032 A 19880914**

Priority

DE 3731215 A 19870917

Abstract (en)

[origin: JPH0198552A] PURPOSE: To precisely form a flow of folded products overlapped in scale form by clamping and feeding the folded products guided by a carrying belt laid over the folding blade drum of a folder between a vane and a clamping device. CONSTITUTION: This device has at least one cam segment 42, 43, 44, 46 for guiding chains 49, 51 to the circumference of the driving shaft 11 of a fanwheel 6. An angle member 52 and a clamp member 57 are arranged with a space (a) on the link 50 of the chains 49, 51. The clamp member 57 is arranged so as to be connectable to a vane 4. A printed folded product 3 is fallen between two vanes 4, and situated in the vane bottom of a vane pocket 61. The front edge of the folded product 3 is nipped by use of the clamp member 57 and angle member 52 and the vane 4 whose inside is coated with Teflon, and moved toward a carrying belt 42, and placed on the folded product 3 on the belt 42 with a desired scale-like overlapping space (a).

Abstract (de)

Bei einer Vorrichtung zur Ausgabe von Druckexemplaren (3) aus Schaufelrädern (6) eines Falzapparates zur Bildung eines Schuppenstromes wird eine zum Antrieb einer Schaufelradwelle (11) vorgesehene Kette (49;51) mittels mehrerer Kurvensegmente (42;43;44;46) um die Schaufelradwelle herumgeführt. Die Kette trägt in einem, den Schuppenabstand festlegendem Abstand Winkel (52) und Klemmstücke (57), die mit den Schaufeln zusammenwirken.

IPC 1-7

**B65H 5/24**; **B65H 29/40**; **B65H 29/66**

IPC 8 full level

**B65H 5/24** (2006.01); **B65H 29/06** (2006.01); **B65H 29/40** (2006.01); **B65H 29/66** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

**B65H 29/06** (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 29/6609** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/44765** (2013.01 - EP US)

Citation (applicant)

- DE 2811467 A1 19781019 - WIFAG MASCHF
- CH 427625 A 19661231 - WINKLER FALLERT & CO MASCHF [CH]

Cited by

US5630584A; US5156389A; EP0509210A3

Designated contracting state (EPC)

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**EP 0307889 A2 19890322**; **EP 0307889 A3 19890419**; **EP 0307889 B1 19910724**; DE 3731215 A1 19890330; DE 3863877 D1 19910829; JP H0198552 A 19890417; JP H0825678 B2 19960313; SU 1605920 A3 19901107; US 4861019 A 19890829

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