

Title (en)

Device for taking blanks, of flattened tubular form, from a magazine, and for opening said blanks during their transfer to a packaging line for obtaining boxes.

Title (de)

Vorrichtung zur Entnahme von Zuschnitten flacher rohrförmiger Gestalt von einem Stapel und zur Öffnung dieser Zuschnitte während ihrer Übergabe zu einer Verpackungslinie zum Bilden von Schachteln.

Title (fr)

Dispositif pour prendre des flans de forme tubulaire aplatie, à partir d'un magasin, et pour ouvrir ces flans pendant leur transfert vers une ligne d'emballage pour obtenir des boîtes.

Publication

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Application

EP 91830087 A 19910312

Priority

IT 338790 A 19900313

Abstract (en)

The device is associated with a line consisting of at least two equal chains (80,81), winding themselves round in a closed ring, according to horizontal planes, motorized with equal speeds, provided with radial prongs (17b,17a), oriented outwards, individuating a series of vertical seatings (45), and of a magazine (6) containing a pile (P) of blanks (1) of flattened tubular form. First means (7) provide for taking the lower blank (1a) of said pile and for positioning it, horizontally, in an intermediate station (I) where second means (16), acting in relationship of phase with the former, catch said blank, which is imparted a spatial motion of progressive orientation of its axis from horizontal to vertical, and of rotation with respect to the same axis in order to intercept a fixed catch projection (60) first, with partial opening of the same blank, and then the prongs (17a,17b) of a corresponding vertical seating (45) with a speed component (H) contrary to the direction of translation of the prongs themselves, with the completion, through these latter, of the opening of the blank. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [A] EP 0108947 A1 19840523 - BOSCH GMBH ROBERT [DE]
- [A] DE 1909119 A1 19690911 - COBELCOMEX FRANCE
- [A] FR 2567847 A1 19860124 - IMA SPA [IT]
- [A] AU 584804 B2 19890601 - ADVANCE MACHINERY PTY LTD

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