

Title (en)

Method and means for transferring flat articles arriving in a shingled formation, particularly printed products

Title (de)

Verfahren und Vorrichtung zum Wegfördern von in einem Schuppenstrom zugeführten flächigen Erzeugnissen, insbesondere Druckprodukten

Title (fr)

Procédé et dispositif pour enlever des articles plats arrivant en formation imbriquée, en particulier des produits imprimés

Publication

**EP 0520944 B1 19960501 (DE)**

Application

**EP 92810456 A 19920612**

Priority

CH 190491 A 19910627

Abstract (en)

[origin: EP0520944A1] The method for converting an imbricated stream of printed products to a conveying stream of the said printed products with a guided formation, for example a conveying stream in which each printed product is guided by a gripper, essentially consists of four steps: initial deflection (1), by means of which an imbricated stream (B) is produced with the front edges of the printed products pointing downwards, a timing stage (2), in which the spaces between the printed products are standardised, enlarged, reduced and/or differentiated, a second deflection (3) in which an imbricated stream (D) with front edges pointing upwards is produced and an acceptance stage (4), in which the printed products are accepted singly or in groups by grippers. The initial and/or the second deflection may be omitted. The device for implementing the method essentially comprises a feeding belt conveyor (5) and a discharging conveyor (6), between which a timing element (21) and at least one intermediate belt conveyor are arranged. The timing element (21) has a stationary stopping element (21.1) which arrests the printed products singly or in groups, and a movable conveying element (21.2) which raises the printed products over the stopping element (21.1) singly or in groups in a timed fashion. <IMAGE>

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