

Title (en)

Method and device for storing and equalising printed products in shingled formation and for closure of gaps in said formation

Title (de)

Verfahren und Vorrichtung zum Puffern und Takten von Druckprodukten in Schuppenformation und zum Schliessen von Lücken in der Schuppenformation

Title (fr)

Procédé et dispositif pour emmagasiner et synchroniser des produits imprimés en formation imbriquée et pour éliminer les écarts dans ladite formation

Publication

**EP 0520945 B1 19960925 (DE)**

Application

**EP 92810457 A 19920612**

Priority

CH 190591 A 19910627

Abstract (en)

[origin: EP0520945A1] With the method and the means according to the invention, printed products, which are conveyed on a transport belt (10) in imbricated formation, are temporarily stored. Storage is by means of storage means (12.1/2/3 etc.), which are carried on the transport section at a speed which is lower than that of the transport belt (10) and at a fixed distance from one another and are switched by the printed products to be stored into a mode in which they retard the printed products and adjust them to the spacing of the storage means. The number of storage means carried on the transport section is constant, but the number of storage means which are active depends on the number of printed products located on the transport section for which storage is to take place. The storage means may, for example, be retarding claws, which are arranged centrally between two parallel transport belts on a tension chain in such a way that they are lowered beneath the transporting surface of the belts in a lowered (non-active) mode, and that they at least partially project above the transport level in their non-lowered (active) mode. The retarding claws are structured in such a way that they are switched from their lowered (non-active) to their non-lowered (active) mode when the printed products catch up with them. <IMAGE>

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