

Title (en)

DEVICE AND METHOD FOR FORMING BUNDLES OF INDIVIDUAL PACKAGES

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DIE BILDUNG VON GEBINDEN AUS EINZELPACKUNGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FORMER DES PAQUETS D'EMBALLAGES INDIVIDUELS

Publication

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Application

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Abstract (en)

[origin: WO2021018558A1] The invention relates to a device (1a, 1b) for forming bundles of individual packages, in particular liquid containers, by wrapping a package combination (2) of grouped individual packages in a cutout (3) made of a packaging material, comprising a wrapping unit (6) and a transport unit (10) having a wrapping belt (12) and a removal belt (13a, 13b) following on in the transport direction (7) to convey the package combination (2) along a transport plane (11) in the transport direction (7) through the wrapping unit (6), the wrapping unit (6) being designed to wrap the package combination (2) with the cutout (3) in the transport direction (7) in such a manner that a forward end (5) and a rear end (4) of the cutout (3) are arranged lying on the transport unit (10) in an overlapping manner. According to the invention, the device (1a, 1b) comprises a control system (16), which is configured to control the wrapping belt (12) and/or the removal belt (13a, 13b) in such a manner that the wrapping belt (12) has, during operation, at least intermittently, a belt speed which is higher than the removal belt (13a, 13b) speed such that the rear end (4) of the cutout (3) made of a paper material is preloaded in the direction of the forward end (5) of the cutout (3) at the transition of the package combination (2) from the wrapping belt (12) onto the removal belt (13a, 13b).

IPC 8 full level

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