Title (en)

DEVICE AND METHOD FOR FORMING BUNDLES OF INDIVIDUAL PACKAGES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BILDUNG VON GEBINDEN AUS EINZELPACKUNGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMATION D'ENSEMBLES D'EMBALLAGES INDIVIDUELS

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Application

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Abstract (en)

[origin: WO2021018557A1] The invention relates to a device (1a, 1b, 1c, 1d) 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, having a wrapping unit (6), which wraps the package combination (2) with the cutout (3) in a transport direction (7) such that a front end (5) and a rear end (4) of the cutout (3) are arranged so as to overlap, and having a transport unit (10) for conveying the package combination (2) in a transport direction (7) along a transport plane (11) through the wrapping unit (6). The aim of the invention is to provide a device (1a, 1b, 1c, 1d) which allows the production of bundles formed as stable package units using non-shrinkable packaging materials. This is achieved in that a tensioning unit (8a, 8b, 8c, 8d) is brought into engagement with the cutout (3) made of a paper material, and the tensioning unit pretensions the rear end (4) of the cutout (3) at least temporarily against the transport direction (7) of the package combination (2) in the direction of the front end (5) of the cutout (3). The invention additionally relates to a corresponding method for forming bundles of individual packages.

IPC 8 full level

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