

Title (en)

STACKING APPARATUS AND STACKING METHOD

Title (de)

STAPELEINRICHTUNG UND STAPELVERFAHREN

Title (fr)

DISPOSITIF D'EMPILAGE ET PROCÉDÉ D'EMPILAGE

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Application

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Abstract (en)

[origin: WO2022243420A1] The invention relates to a stacking apparatus (7) and a stacking method for products (2) in the form of product layers (3), in which method the stacking apparatus (7) loads each of the product layers (3) in a box-like and stackable slip-on container (4), which is open at the bottom, and stores the product layer with this container in a container stack (5), and/or said stacking apparatus removes product layers (3) in slip-on containers (4) from a container stack (5) and unloads the individual product layer (3) from the slip-on container (4). The stacking apparatus (7) comprises a handling apparatus (28) having a multi-axially movable handling device (29) for the slip-on containers (4) and, if applicable, the product layer (3) accommodated in each of them, wherein the handling device (29) is designed to handle the slip-on containers (4), which are open at the bottom, and wherein the product layers (3) in the container stack (5) are located on a container base (43) of a lower slip-on container (4) and are surrounded laterally and at the top by an upper slip-on container (4) positioned above said lower slip-on container. The stacking apparatus (7) has a row arrangement (22) of a plurality of stacking places (23, 24), wherein the handling apparatus (28) comprises a movable support (36) which moves the handling device (29) along a first, facing side of the row arrangement (22).

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