Title (en)

APPLICATION UNIT, METHOD FOR OPERATING AN APPLICATION UNIT AND A PACKAGING MACHINE WITH AN APPLICATION UNIT

Title (de)

APPLIKATIONSEINHEIT, VERFAHREN ZUM BETREIBEN EINER APPLIKATIONSEINHEIT SOWIE EINE VERPACKUNGSMASCHINE MIT EINER APPLIKATIONSEINHEIT

Title (fr)

UNITÉ D'APPLICATION, PROCÉDÉ DE CONDUITE D'UNE UNITÉ D'APPLICATION AINSI QU'UNE MACHINE D'EMBALLAGE AVEC UNE UNITÉ D'APPLICATION

Publication

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Application

EP 21786227 A 20211004

Priority

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- DE 102020126782 A 20201013

Abstract (en)

[origin: WO2022078787A1] The invention relates to an application unit (1a, 1b), which, in order to attach a material blank (2) to containers (3) combined to form a container group (4), more particularly to attach said material blank so as to form a multipack, comprises: - at least one pressing element (7a, 7b) for connecting the material blank (2) to the containers (3) of the container group (4), which containers are to be conveyed along a transport plane, said pressing element having a tool plate (8a, 8b); and - a drive unit (6a, 6b), which is designed to move the pressing element (7a, 7b) in such a way that the tool plate (8a, 8b) can be moved between an out-of-engagement position and a position of engagement with the containers (3). According to the invention, the drive unit (6a, 6b) has a first drive disk (11a, 11b), which can be rotated about a first axis of rotation (9a, 9b), and a second drive disk (12a, 12b), which is arranged parallel to the first drive disk (11a, 11b) at a distance therefrom and can be rotated about a second axis of rotation (10a, 10b), the first axis of rotation and the second axis of rotation (10a, 10b) being oriented horizontal and being located at the same height and not coaxial with each other, and the pressing element (7a, 7b) has a first and a second joint axis (13a, 13b, 25a, 25b), the pressing element (7a, 7b) being articulated to the first drive disk (11a, 11b) by means of its first joint axis (13a, 13b) and to the second drive disk (12a, 12b) by means of its second joint axis (25a, 25b) such that the tool plate (8a, 8b) is oriented horizontal during rotation of the two drive disks (11a, 11b, 12a, 12b) about the respective axes of rotation (9a, 9b, 10a, 10b).

IPC 8 full level

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DOCDB simple family (application)

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