

Title (en)

DEVICE AND METHOD FOR ATTACHING CARRYING HANDLES TO PACKAGING MEANS OR GROUPS OF PACKAGING MEANS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ANBRINGEN VON TRAGGRIFFEN AN PACKMITTEL ODER PACKMITTELGRUPPEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FIXER DES POIGNÉES DE TRANSPORT SUR DES EMBALLAGES OU DES GROUPES D'EMBALLAGES

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Application

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Abstract (en)

[origin: WO2020094281A1] The invention relates to a device for attaching carrying handles to packaging means or groups of packaging means. According to a first aspect, the invention relates to a device for attaching carrying handles to packaging means or groups of packaging means, wherein the carrying handle is preferably designed as a self-adhesive carrying handle. For this purpose, the device comprises a motor-driven carrying handle applicator unit which can be driven, mounted rotatably about a horizontal axis of rotation transverse to the transport direction, above the transport device. The carrying handle applicator unit has at least three applicator arms oriented radially relative to the axis of rotation, each of which extend along a longitudinal axis that intersects and is oriented away from the axis of rotation and on each of which at least one holding and/or pressing device and a cutting tool are designed so that an endless belt provided at least in sections with an adhesive layer can be conveyed over a packaging means or a group of packaging means, a carrying handle having an adhesive section at each free end can be detached from said endless belt, and the carrying handle thus formed can be applied to, in particular pressed onto, the packaging means or the group of packaging means. According to the invention, each holding and/or pressing device has at least one suction area for at least temporarily holding and/or guiding, by means of a vacuum which can be generated at least temporarily, the endless belt and the carrying handle separated therefrom. The present invention is characterised in particular in that the at least one suction area of each holding and/or pressing device of the corresponding applicator arm is designed to be displaceable along the associated longitudinal axis by means of a displacement device.

IPC 8 full level

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Citation (search report)

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