

Title (en)

METHOD AND SYSTEM FOR AUTOMATIC PACKING OF GABLE TOP PACKAGES

Title (de)

VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN VERPACKUNG VON GIEBELDACHPACKUNGEN

Title (fr)

PROCEDE ET SYSTEME DE CONDITIONNEMENT AUTOMATIQUE D'EMBALLAGES A FERMETURE PIGNON

Publication

**EP 1755957 A1 20070228 (EN)**

Application

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Priority

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Abstract (en)

[origin: WO2005105577A1] A method and a system for automatic packing of gable top packages (6), in particular gable top packages with liquid products, by way of example milk products or juice, where the system includes a arraying surface (8) arranged for receiving the gable top packages (6), which are transported from a filling machine to the arraying surface (8): a lifting unit in the shape of a robot (2) with a tool (16) of the type adapted for simultaneous gripping around the upstanding gable top of a group of the gable top packages (6), and to transfer the group of gable top packages from the arraying surface (8) to transport boxes (18), or with a tool (32) of the same type, and adapted to transfer the said group of gable top packages (6) to transport containers (10), where the gable top packages (6) are disposed upon one another in a plurality of layers, where the said lifting unit or robot (2) is used according to need, either for transferring the said groups of gable top packages (6) to the transport boxes (10) by means of the first mentioned tool (16), or for transferring the groups of gable top packages (6) to the transport container (10) by means of the mentioned second tool (32) in such a way that the groups of gable top packages (6) are moved down into the transport containers (10) from above and disposed upon each other in the plurality of layers. In a simple way is hereby achieved possibility of a very significant simplification of the work with packing gable top packages with liquid products, by way of example milk products or juice, as one and the same lifting unit or robot with associated exchangeable tools may be used, controlled by demand, to pack groups of gable top packages in an automatic way in transport boxes or in transport containers, respectively.

IPC 8 full level

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