Title (en)

PACKAGING INSTALLATION AND METHOD FOR PRODUCING A PACKAGING UNIT, AND ALSO A PACKAGING UNIT MADE OF PACKAGING SLEEVES AND EXTERNAL PACKAGING

Title (de)

VERPACKUNGSANLAGE UND VERFAHREN ZUR HERSTELLUNG EINER VERPACKUNGSEINHEIT, SOWIE EINE VERPACKUNGSEINHEIT AUS PACKUNGSMÄNTELN UND EINER UMVERPACKUNG

Title (fr)

SYSTÈME D'EMBALLAGE ET PROCÉDÉ DE FABRICATION D'UNE UNITÉ D'EMBALLAGE, ET UNITÉ D'EMBALLAGE CONSTITUÉE D'ENVELOPPES D'EMBALLAGE ET D'UN EMBALLAGE EXTÉRIEUR

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Application

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Abstract (en)

[origin: WO2018114560A2] The invention relates to a packaging system, to a method for producing a packaging unit (11) and to a packaging unit (11) consisting of a packaging sleeve group (2) comprising a plurality of folded, in particular upright, packaging sleeves (P) and an outer packaging. The aim of the invention is to reduce the weight and volume of the packaging unit, to transport the packaging sleeves in a more economical way, to improve the problems associated with dust in the outer box and to reduce waste from the outer packaging. According to the invention, the packaging system comprises at least one first conveying unit (4; 39) for conveying the packaging sleeve group (2) in a first conveying direction, and at least one first packaging unit (6; 41) for providing a first web material (5), forming the outer packaging, in a base position and, a first sealing unit (26; 44) for sealing the first web material (5) surrounding the packaging sleeve group (2) is provided downstream of the first web material (5) in the base position, seen from the first conveying direction. The method achieves the aims due to the following steps: providing the packing sleeve group (2), tensing a first web material (5) in a base position, conveying the packaging sleeve group (2) in a first conveying direction through the tensed first web material (5), passing the packing sleeve group (2) by a first sealing unit (26; 44) arranged in the first conveying direction downstream of the first web material (5), seen from the conveying direction, sealing the first web material (5) by means of the first sealing unit (26; 44) and separating the sealed first web material (5) in a sealed area (35; 50). The packaging unit (11) achieves the aim in that the outer packaging is made from at least one web material (5, 10).

IPC 8 full level

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