

Title (en)

METHOD FOR PRODUCING A MULTILAYER COMPOUND ON A CIP-CAPABLE COATING INSTALLATION

Title (de)

VERFAHREN ZUM HERSTELLEN EINES MEHRSCICHTENVERBUNDES AUF EINER CIP-FÄHIGEN BESCHICHTUNGSANLAGE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN COMPOSITE MULTICOUCHE DANS UN DISPOSITIF DE REVÊTEMENT À NETTOYAGE PAR RECIRCULATION

Publication

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Application

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Abstract (en)

[origin: WO2010009848A2] The invention relates to a method of production for a mono- or multilayer compound, comprising several steps, wherein first one or several layers are applied onto a carrier material by coating with a liquid component, the multilayer compound is then dried and the dried mono- or multilayer compound is then rolled up, wherein, in a final step, the installation is cleaned. During the drying of the coated multilayer compound, the air circuit in the drying oven (5) is entirely set to fresh air supply, and the inner chamber of the drying oven is configured to be cleaned in a controlled manner. As a result, all components of the drying oven (5), which can come into contact with the product produced therein, do not have to be removed for the purpose of a GMP-compliant cleaning, but can be cleaned with the aid of the system using CIP technology which is integrated into the drying oven (5). Furthermore, the outer housing of the drying oven is designed in such a manner that the upper part (11) of the drying oven (5) can be lifted off in the upward direction, and all assembly parts in the interior of the drying oven are designed such that a dismounting for cleaning purposes is not required. All transport rollers (17), by means of which the coated mono- or multilayer compound (14) is moved through the drying oven (5) and the individual drying zones (T1 to Tx), are designed as hollow shafts and provided with spraying nozzles.

IPC 8 full level

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