

Title (en)

METHOD AND DEVICE FOR APPLYING A DECORATION AND A SURFACE STRUCTURE TO A SUBSTRATE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFBRINGEN EINES DEKORS UND EINER OBERFLÄCHENSTRUKTUR AUF EIN TRÄGERMATERIAL

Title (fr)

PROCÉDÉ ET DISPOSITIF D'APPLICATION D'UN DÉCOR ET D'UNE STRUCTURE DE SURFACE SUR UNE MATIÈRE PORTEUSE

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Abstract (en)

[origin: WO2023017024A1] The invention relates to a method for applying a decoration and a surface structure to a carrier material and to a device which is suitable for this. According to the method, a carrier material (10) or at least one decorative paper is printed with a decoration and a file for the surface structure is created from the digital image data of the decoration. Furthermore, at least one layer of resin (20) is applied to the printed carrier material or to at least one overlay (40), wherein the distribution of the resin is predetermined by the file for the surface structure and is therefore dependent on the printed decoration. The at least one resin layer is then pressed with the carrier material using a structured press plate (30), or the at least one overlay, the at least one decorative paper and a carrier material are pressed using a structured press plate. In both cases, the structure (31) of the press plate is predetermined by the digital data in the file for the surface structure and is therefore also dependent on the printed decoration. Using the method according to the invention, a surface structure is formed on the carrier material that is synchronous with the applied decoration.

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