

Title (en)
METHOD AND APPARATUS FOR PRODUCING DECORATIVE PAPER FOR COATING PLATE-SHAPED BASIC BODIES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON DEKORPAPIER ZUM BESCHICHTEN VON PLATTENFÖRMIGEN GRUNDKÖRPERN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE FABRICATION DE PAPIER DÉCORÉ POUR LE REVÊTEMENT DE CORPS DE BASE EN FORME DE PLAQUES

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Abstract (en)
[origin: WO2011110381A2] The invention relates to a method and an apparatus for producing decorative paper for coating a carrier plate made from wood material, a laminate and/or a compact plate, having at least one impression-roll unit (4.1, 5.1) for printing a decorative pattern (2.2) on sheet-shaped or strip-shaped paper (2), wherein the decorative pattern is a wood or stone decorative pattern, characterized by at least one digital print head (6.1) for printing at least one decorative element (2.3, 2.4) onto one or more part regions of the paper, with the result that the decorative pattern (2.2) which is printed by means of the at least one impression-roll unit (4.1, 5.1) remains at least partially visible or, as long as the at least one decorative element is printed by means of the at least one digital print head (6.1) before the decorative pattern onto the paper, surrounds the at least one decorative element (2.3, 2.4), wherein, in the case of the wood decorative pattern, the at least one decorative element depicts the structure of the wood to be imitated and is selected here from a group which comprises, in particular, branches, pitch pockets, worm grooves and discolorations and/or depicts nail or screw heads and/or joints between wood panels, or, in the case of stone decoration, depicts the structure of the stone to be imitated and is selected here from a group which comprises, in particular, discolorations, inclusions and fossils and/or depicts gaps between flagstones.

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