

Title (en)
COATING OF COMPOSITE WOOD PANELS WITH AMINOPLAST RESIN FILMS FITTED WITH AN ABRASION-RESISTANT, EASY-CLEAN AND HYDROPHOBIC SURFACE

Title (de)
BESCHICHTUNG VON HOLZWERKSTOFFPLATTEN MIT AMINOPLASTHARZFILMEN, DIE MIT EINER ABRIEBFESTEN EASY CLEAN UND HYDROPHOBEN OBERFLÄCHE AUSGERÜSTET SIND

Title (fr)
REVÊTEMENT DE PANNEAUX DÉRIVÉS DU BOIS AVEC DES FILMS DE RÉSINE AMINIQUE POURVUS D'UNE SURFACE FACILE À NETTOYER, RÉSISTANTE À L'ABRASION ET HYDROPHOBE

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Abstract (en)
[origin: CA2989246A1] The invention relates to the fitting of decorative and/or overlay papers impregnated with aminoplast resin, which are used for the coating of composite wood panels and form an abrasion-resistant, easy-clean and hydrophobic surface, characterized in that, after resin impregnation, the impregnated papers are coated in a second application step with a sol-gel preparation containing dissolved metal alkoxides and fullerene-like nanostructures and nanotubes made of metal disulfides of the metals molybdenum and/or tungsten, and in that, after drying and final condensation, the surfaces are formed in a hydraulic heating press.

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