

Title (en)

COMPOSITE SHEET MATERIAL, METHOD FOR THE PRODUCTION AND USE THEREOF

Title (de)

VERBUNDSCHICHTMATERIAL, VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG

Title (fr)

MATÉRIAU STRATIFIÉ, PROCEDE DE FABRICATION ET UTILISATION

Publication

EP 2875180 A1 20150527 (DE)

Application

EP 13728372 A 20130611

Priority

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- EP 2013061937 W 20130611

Abstract (en)

[origin: WO2014012710A1] The invention relates to a composite sheet material, comprising at least the following layers: a textile support layer (5), a laminating layer (4) which is connected to the textile support layer (5), a polyurethane intermediate layer (3) based on an unblocked high-solid polyurethane system, a polyurethane cover layer (2) and at least one lacquer layer based on polyurethane and/or acrylate polymers which is applied onto the polyurethane cover layer (2) and which faces outward. The invention further relates to a method for producing such a composite sheet material and the use of the composite sheet material. To achieve a high degree of service performance while reducing toxicity as much as possible, the polyurethane cover layer (2) is based on a solvent-free or solvent-poor high-solid polyurethane system which contains a) polyfunctional isocyanates and/or polyfunctional isocyanate prepolymers, b) at least one polyfunctional hydroxy-group-containing compound that contains aliphatic diols with methyl- and/or ethyl- and/or propyl- and/or butyl side groups in the form of the esters and/or carbonates thereof, and c) at least one metal catalyst.

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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Citation (search report)

See references of WO 2014012710A1

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