

Title (en)

METHOD FOR PRODUCTION OF WOOD MATERIAL ARTICLES WITH LOW EMISSIONS OF CHEMICAL COMPOUNDS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HOLZWERKSTOFF-ARTIKELN MIT GERINGER EMISSION VON CHEMISCHEN VERBINDUNGEN

Title (fr)

PROCEDE POUR PRODUIRE DES ARTICLES CONSTITUES DE MATERIAUX DERIVES DU BOIS A FAIBLE EMISSION DE COMPOSES CHIMIQUES

Publication

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Application

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Priority

EP 2005053674 W 20050727

Abstract (en)

[origin: WO2007012350A1] The invention relates to a method for production of wood material articles with low emissions of chemical compounds. The applied wood is treated with bisulphite before bonding. On using formaldehyde resins in the bonding agent, wood material articles can be produced with the inventive method with extremely low formaldehyde emissions and very bright colours.

IPC 8 full level

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Citation (search report)

See references of WO 2007012350A1

Cited by

RU2728871C1; WO2011063800A2; DE102009057208A1; EP3395520A1; WO2018197094A1; EP3620282A1; US11007668B2; US11904496B2

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