

Title (en)
METHOD FOR REDUCING THE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS FROM WOODEN MATERIALS AND WOODEN MATERIAL

Title (de)
VERFAHREN ZUR VERRINGERUNG DER EMISSION VON FLÜCHTIGEN ORGANISCHEN VERBINDUNGEN AUS HOLZWERKSTOFFEN UND HOLZWERKSTOFFE

Title (fr)
PROCÉDÉ DESTINÉ À LA RÉDUCTION DE L'ÉMISSION DE COMPOSÉS ORGANIQUES VOLATILES À PARTIR DE MATIÈRES DÉRIVÉES DU BOIS ET MATIÈRES DÉRIVÉES DU BOIS

Publication
EP 2917008 B1 20230607 (DE)

Application
EP 13792612 A 20131106

Priority
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• EP 2013073090 W 20131106
• EP 13792612 A 20131106

Abstract (en)
[origin: EP2727691A1] The method involves providing lignocellulose crushing products and introducing an additive to the lignocellulose-containing milling products. The additive is a porous carbon. The emission of volatile organic compounds, particularly terpene and acids is reduced by the addition of the additives. The additive is an activated carbon. The adhesive is a formaldehyde-free adhesive, such as isocyanates or formaldehyde, particularly a phenol-formaldehyde glue, urea-formaldehyde glue, melamine-urea formaldehyde glue, melamine-urea-phenol-formaldehyde adhesive, tannin-formaldehyde glue or a mixture.

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Citation (examination)
• CN 101585204 A 20091125 - UNIV NORTHEAST FORESTRY [CN]
• DAS D ET AL: "Removal of volatile organic compound by activated carbon fiber", CARBON, ELSEVIER OXFORD, GB, vol. 42, no. 14, 1 January 2004 (2004-01-01), pages 2949 - 2962, XP004560170, ISSN: 0008-6223, DOI: 10.1016/J.CARBON.2004.07.008

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