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 2727691 B1 20141210 (DE)

Application

EP 12191376 A 20121106

Priority

EP 12191376 A 20121106

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.

IPC 8 full level

B27N 1/00 (2006.01); **B27N 3/00** (2006.01)

CPC (source: CN EP RU US)

B27N 1/00 (2013.01 - RU); **B27N 1/003** (2013.01 - CN EP US); **B27N 3/00** (2013.01 - CN EP RU US); **B27N 3/08** (2013.01 - US); **D21H 11/00** (2013.01 - US); **D21H 17/63** (2013.01 - US); **D21J 1/00** (2013.01 - US)

Cited by

US10960096B2; US9895824B2; EP3620282A1; WO2017182120A1; EP3147093A1; WO2017050949A1; US10596720B2

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