

Title (en)

Method of reducing the emissions of aldehydes and fleeting organic compounds in wooden materials

Title (de)

Verfahren zur Verminderung der Emission von Aldehyden und flüchtigen organischen Verbindungen aus Holzwerkstoffen

Title (fr)

Procédé destiné à la réduction de l'émission d'aldéhydes et de liaisons organiques volatiles à partir de matières dérivées du bois

Publication

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Application

EP 12187385 A 20090706

Priority

- EP 12187385 A 20090706
- EP 09008805 A 20090706

Abstract (en)

[origin: EP2272644A1] Volatile organic compounds and aldehydes emission reducing involves utilizing lignocellulose containing products. An additive is added in the lignocellulose reducing products to obtain a mixture. The obtained mixture is treated with ammonia to obtain a product. The product is treated with adhesives by heating to produce wood material. Volatile organic compounds and aldehydes emission reducing involves utilizing lignocellulose containing products. An additive is added in the lignocellulose reducing products to obtain a mixture, where the additive is thiosulfate of formula RS_2O_3 or $R_2(S_2O_3)$. R : alkali metal or alkaline earth metal. Independent claims are also included for: (1) a wood material, which is obtained by using fiber boards and strand board; and (2) an agent for reducing emission of volatile organic compounds and aldehydes, which comprises formaldehyde and lignocellulose containing products.

IPC 8 full level

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CPC (source: EP)

B27N 1/003 (2013.01)

Citation (search report)

- [X1] JP 2001164235 A 20010619 - KYOKUTOO INTERNATIONAL KK
- [XD] DE 102007038041 A1 20090212 - KRONOTEC AG [CH]
- [A] WO 2006010192 A1 20060202 - ORICA AUSTRALIA PTY LTD [AU], et al
- [AD] WO 02072323 A1 20020919 - AKZO NOBEL NV [NL], et al
- [AD] WO 2007012350 A1 20070201 - KRONOSPAN TECH CO LTD [CY], et al

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DOCDB simple family (publication)

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