

Title (en)

Method of reducing the emissions of aldehydes and fleeting organic compounds in OSB-boards, use of additives therefore and OSB-board

Title (de)

Verfahren zur Verminderung der Emission von Aldehyden und flüchtigen organischen Verbindungen aus OSB-Platten, Verwendung von Zusatzstoffen zu diesem Zweck und OSB-Platte

Title (fr)

Procédé destiné à la réduction d'émissions d'aldéhydes et de liaisons organiques volatiles de panneaux OSB, l'utilisation d'additifs à cet effet et panneau OSB

Publication

EP 2546039 B1 20140326 (DE)

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 3or R2(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

B27N 1/00 (2006.01)

CPC (source: EP)

B27N 1/003 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2272644 A1 20110112; EP 2272644 B1 20161019; EP 2546039 A2 20130116; EP 2546039 A3 20130320; EP 2546039 B1 20140326; ES 2468024 T3 20140613; ES 2611080 T3 20170504; HU E031829 T2 20170828; PL 2272644 T3 20170929; PL 2546039 T3 20140829; PT 2272644 T 20170110; PT 2546039 E 20140609

DOCDB simple family (application)

EP 09008805 A 20090706; EP 12187385 A 20090706; ES 09008805 T 20090706; ES 12187385 T 20090706; HU E09008805 A 20090706; PL 09008805 T 20090706; PL 12187385 T 20090706; PT 09008805 T 20090706; PT 12187385 T 20090706