

Title (en)

MULTI-LAYERED LIGNOCELLULOSIC MATERIALS HAVING AN INNERLYING VAPOR BARRIER

Title (de)

MEHRSCHICHTIGE LIGNOCELLULOSEWERKSTOFFE MIT INNENLIEGENDER DAMPFSPERRE

Title (fr)

MATÉRIAUX LIGNOCELLULOSIQUES MULTICOUCHES À L'INTÉRIEUR DESQUELS SE SITUE UNE BARRIÈRE CONTRE L'HUMIDITÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015176853A1] The present invention relates to multi-layered lignocellulosic materials in which at least one layer is a vapor barrier and at least one vapor barrier layer is arranged beneath the surface of the lignocellulosic material, and the lignocellulosic material layers contain A) 30 to 98 wt% of one or more lignocellulose containing materials, B) 0 to 25 wt% expanded plastic particles having a bulk density in the range of 10 to 150 kg/m³, C) 1 to 50 wt% of a binder which is selected from the group consisting of aminoplastic resin, phenol formaldehyde resin, organic isocyanate having at least two isocyanate groups, or mixtures thereof, optionally with a hardener, and D) 0 to 68 wt% additives, wherein the vapor barrier contains 0.01 to 100 wt% polyisobutene, 0 to 99.99 wt% of other polymers and 0 to 20 wt% of additives, and methods for production thereof, and the use of the multi-layered lignocellulosic materials.

IPC 8 full level

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