

Title (en)

METHOD FOR PRODUCING PRODUCTS BASED ON WOOD AS A RAW MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PRODUKTEN AUF BASIS VON HOLZ ALS ROHSTOFF

Title (fr)

PROCÉDÉ DE PRODUCTION DE PRODUITS À BASE DE BOIS EN TANT QUE MATIÈRE PREMIÈRE

Publication

EP 4271879 A1 20231108 (DE)

Application

EP 21831039 A 20211215

Priority

- EP 20217520 A 20201229
- EP 2021085975 W 20211215

Abstract (en)

[origin: CA3203411A1] The invention relates to a method for producing products based on wood as a raw material, characterised in that wood, in the form of wood particles, is subjected to extraction treatment using an extracting agent which comprises one or more organic solvents in an organic-aqueous mixture of the solvent or solvents with water, wherein the content of fatty acids in the wood particles is reduced, by the extraction treatment of the wood particles using the solvent, by at least 70%, measured as hexanal content in wt.% after accelerated aging for 72 h at 90°C, but the content of cellulose, hemicelluloses and lignin is largely maintained during this extraction treatment.

IPC 8 full level

D21C 3/20 (2006.01); **D21C 9/08** (2006.01)

CPC (source: EP US)

D21C 3/20 (2013.01 - EP); **D21C 9/007** (2013.01 - US); **D21C 9/08** (2013.01 - EP); **D21C 9/086** (2013.01 - EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4023812 A1 20220706; CA 3203411 A1 20220707; CN 116897233 A 20231017; EP 4271879 A1 20231108; EP 4271880 A1 20231108; JP 2024501377 A 20240111; US 2024076831 A1 20240307; WO 2022144176 A1 20220707; WO 2022144377 A1 20220707

DOCDB simple family (application)

EP 20217520 A 20201229; CA 3203411 A 20211229; CN 202180094366 A 20211229; EP 2021085975 W 20211215; EP 2021087767 W 20211229; EP 21831039 A 20211215; EP 21836586 A 20211229; JP 2023563337 A 20211229; US 202118259700 A 20211229