

Title (en)

METHOD FOR HYDROPHOBIZING A CELLULOSE SUBSTRATE BY UTILIZING A FATTY ACID HALIDE

Title (de)

VERFAHREN ZUR HYDROPHOBIERUNG EINES ZELLULOSESUBSTRAT MIT EINEM FETTSÄUREHALOGENID

Title (fr)

PROCÉDÉ POUR RENDRE HYDROPHOBE UN SUBSTRAT DE CELLULOSE À L'AIDE D'UN HALOGÉNURE D'ACIDE GRAS

Publication

**EP 3880886 A4 20220727 (EN)**

Application

**EP 19885957 A 20191115**

Priority

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- SE 1851430 A 20181116

Abstract (en)

[origin: WO2020100097A1] The present invention relates to a method for hydrophobizing a cellulose substrate (1), which comprising a first side and a second side, which faces away from the first side, the method comprising the steps of: -drying the cellulose substrate to a dry content above 80%, preferably above 85%; -providing a fatty acid halide in spray form; -converting said fatty acid halide in spray form into vaporized fatty acid halide; and -guiding said vaporized fatty acid halide to contact the first side of the cellulose substrate, and at least partially penetrate the cellulose substrate.

IPC 8 full level

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Citation (search report)

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- [A] EP 3168270 A1 20170517 - KWANGWON NAT UNIV [KR], et al
- [A] WO 2016063181 A1 20160428 - PHILIP MORRIS PRODUCTS SA [CH]
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- See references of WO 2020100097A1

Designated contracting state (EPC)

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**WO 2020100097 A1 20200522**; CN 113227494 A 20210806; CN 113227495 A 20210806; EP 3880884 A1 20210922; EP 3880884 A4 20220810; EP 3880886 A1 20210922; EP 3880886 A4 20220727; JP 2022507536 A 20220118; JP 2022507555 A 20220118; KR 20210100635 A 20210817; KR 20210100636 A 20210817; SE 1851430 A1 20200517; SE 543029 C2 20200929; US 2022002949 A1 20220106; US 2022010493 A1 20220113; WO 2020100101 A1 20200522

DOCDB simple family (application)

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