

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
22 February 2024 (22.02.2024)



(10) International Publication Number
WO 2024/038227 A1

(51) International Patent Classification:

D21C 5/02 (2006.01) *D21C 9/16* (2006.01)
D06L 4/10 (2017.01) *D21H 11/14* (2006.01)
D21C 9/153 (2006.01)

(21) International Application Number:

PCT/FI2023/050475

(22) International Filing Date:

18 August 2023 (18.08.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20225735 19 August 2022 (19.08.2022) FI

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,

(54) Title: SYSTEM FOR DECOLORIZATION OF MATERIAL COMPRISING CELLULOSE

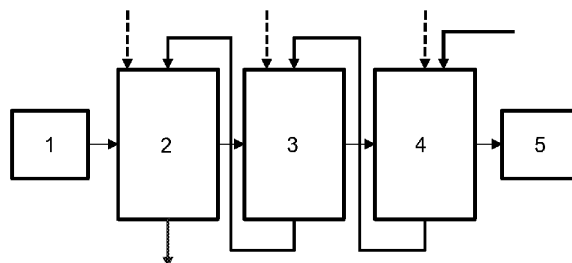


Fig. 1

(57) **Abstract:** A system for decolorization of material comprising cellulose, the system comprising: a purification stage for removing non-cellulosic components from the material comprising cellulose in alkaline process conditions; followed by a first decolorization stage for decolorizing the material comprising cellulose in alkaline process conditions; and a second decolorization stage for decolorizing the material comprising cellulose in alkaline process conditions; wherein the first and second decolorization stage comprise a decolorization stage using ozone and a decolorization stage using hydrogen peroxide; at least the purification stage and the second decolorization stage comprise a washing arrangement comprising at least one washer for washing the material treated in said stage; each of the purification stage, the first decolorization stage and the second decolorization stage are connected to the subsequent stage by a process line for feeding the material treated and washed in said stage to the subsequent stage; and wherein each washing arrangement is connected to the washing arrangement of a preceding stage by a filtrate line for feeding at least a part of the wash filtrate of the at least one washer of said washing arrangement to a preceding stage for use as wash water.

[Continued on next page]

NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,
SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,
RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,
DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,
LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,
SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))
