Title (en)

Process for bleaching of chemically digested lignocellulose-containing pulp

Title (de)

Verfahren zum Bleichen von chemisch aufgelösten Lignocellulose enthaltenden Zellstoffen

Title (fr)

Procédé pour le blanchiment de pâte à papier chimiquement cuite contenant de la lignocellulose

Publication

EP 0595386 B2 20020717 (EN)

Application

EP 93202821 A 19931004

Priority

SE 9203200 A 19921029

Abstract (en)

[origin: EP0595386A1] The present invention relates to a process for bleaching of lignocellulose-containing pulp, in which the pulp is treated at a pH between about 1 and about 7 in the presence of a magnesium compound, whereupon the pulp is washed and subsequently bleached with a peroxide-containing compound. The initial treatment removes from the pulp those trace metal ions that have a negative effect on the subsequent bleaching with a peroxide-containing compound. Owing to the presence of magnesium ions in dissolved form during the initial treatment, the magnesium ions are retained in those positions in the pulp where they have a particularly positive effect on the effectiveness of the bleaching stage.

IPC 1-7

D21C 9/10; D21C 9/16

IPC 8 full level

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CPC (source: EP)

D21C 9/1005 (2013.01); **D21C 9/1036** (2013.01); **D21C 9/163** (2013.01)

Citation (opposition)

Opponent :

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EP2180095A1; US6524437B1

Designated contracting state (EPC)

AT BE CH DE ES FR IT LI PT SE

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EP 0595386 A1 19940504; **EP 0595386 B1 19990526**; **EP 0595386 B2 20020717**; AT E180523 T1 19990615; AU 4919993 A 19940512; AU 659039 B2 19950504; BR 9304438 A 19940503; CA 2109179 A1 19940430; CZ 224193 A3 19940518; CZ 284366 B6 19981111; DE 69325070 D1 19990701; FI 934705 A0 19931025; FI 934705 A 19940430; JP H06207392 A 19940726; MX 9306618 A 19940429; NO 302766 B1 19980420; NO 933873 D0 19931027; NO 933873 L 19940502; NZ 250050 A 19941222; RU 2072014 C1 19970120; SE 512137 C2 20000131; SE 9203200 D0 19921029; SE 9203200 L 19940430; SK 117593 A3 19940511; ZA 937908 B 19940524

DOCDB simple family (application)

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