

Title (en)

Process for bleaching chemical cellulose pulps.

Title (de)

Verfahren zum Bleichen von chemischen Zellstoffen.

Title (fr)

Procédé de blanchiment de pâtes cellulosiques chimiques.

Publication

**EP 0433138 B1 19940817 (FR)**

Application

**EP 90403462 A 19901206**

Priority

FR 8916322 A 19891211

Abstract (en)

[origin: EP0433138A1] Process for bleaching chemical cellulose pulps with a view to obtaining absorbent, bleached pulps, without using chlorine. The process for bleaching chemical pulps employs a sequence of different treatments comprising at least one treatment with a bleaching agent not containing chlorine, at least two alkaline treatments and at least one acidic treatment, lasting at least 5 minutes, inserted between the two alkaline treatments.

IPC 1-7

**D21C 9/10**; D21C 9/08

IPC 8 full level

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CPC (source: EP)

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Cited by

FR2695947A1; US5571377A; US6306253B2; BE1007700A3; US6736934B1; WO9411568A1; WO9512709A1; WO9625552A1; WO9605364A1; WO9609434A1

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**EP 0433138 A1 19910619**; **EP 0433138 B1 19940817**; AT E110129 T1 19940915; DE 69011636 D1 19940922; DE 69011636 T2 19950126; DK 0433138 T3 19941205; ES 2062463 T3 19941216; FI 906076 A0 19901210; FI 906076 A 19910612; FI 96784 B 19960515; FR 2655668 A1 19910614; FR 2655668 B1 19950609; NO 176809 B 19950220; NO 176809 C 19950531; NO 905333 D0 19901210; NO 905333 L 19910612

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