

Title (en)
IMPROVED METHOD FOR BLEACHING LIGNOCELLULOSIC PULP

Title (de)
VERBESSERTES VERFAHREN ZUM BLEICHEN VON LIGNOCELLULOSISCHEM ZELLSTOFF

Title (fr)
PROCEDE AMELIORE DE BLANCHIMENT DE PATE LIGNOCELLULOSIQUE

Publication
EP 0720676 A4 19980304 (EN)

Application
EP 94928001 A 19940902

Priority

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Abstract (en)
[origin: WO9506772A1] The present invention is directed to a method for treating lignocellulosic pulp prior to a bleaching step to minimize consumption of bleaching agent during the bleaching step which comprises the steps of (a) contacting the lignocellulosic pulp with an aqueous solution having a pH of at least about 5 and less than about 11 for a time sufficient to dissolve lignin from the pulp to form a reduced-lignin pulp and a lignin-rich solution, (b) separating the reduced-lignin pulp from the lignin-rich solution, and (c) bleaching the reduced-lignin pulp with the bleaching agent; wherein the time sufficient to dissolve lignin from the pulp to form a reduced-lignin pulp and a lignin-rich solution in step (a) is an amount of time which results in a decrease in bleaching agent consumption in step (c) in the range from about 10 % to about 20 %.

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Citation (search report)

- [Y] WO 8604938 A1 19860828 - ELTON EDWARD FRANCIS
- [Y] US 5085734 A 19920204 - GRIGGS BRUCE F [US]
- [Y] WO 9314262 A1 19930722 - SUNDS DEFIBRATOR IND AB [SE]
- See references of WO 9506772A1

Designated contracting state (EPC)
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