

Title (en)

PROCESS FOR THE DELIGNIFICATION OF UNBLEACHED CHEMICAL PAPER PULP

Publication

EP 0018287 B1 19830112 (FR)

Application

EP 80400516 A 19800416

Priority

- FR 7909642 A 19790417
- FR 8007170 A 19800331

Abstract (en)

[origin: CA1151363A] PATENT APPLICATION entitled: Process for the delignification of unbleached chemical pulp. in the name of: Groupement d'Intérêt Economique styled: GROUPEMENT EUROPEEN DE LA CELLULOSE. The invention relates to a process for the delignification of unbleached chemical pulp, comprising the following stages: a) oxidation of the unbleached pulp with a peroxide, in an alkaline medium with a % ratio of peroxide/pulp with respect to the Kappa index of said pulp which may vary between 0.01 and 0.1 and a pH kept at between 9 and 12, the said oxidation stage being followed by b) mechanical pressing of the oxidized pulp, with recycling of the extraction effluents from the pressing stage, - partly above the oxidation stage, - partly-below the oxidation stage, with a view to ensure the prior dilution of the pulp oxidized before the pressing, - and if necessary partly towards the wash of the unbleached pulp. Advantages: A reduction in the quantities of reagents to be used, a saving of heat energy and a reduction of the pollution. Figure 1

IPC 1-7

D21C 9/16

IPC 8 full level

D21C 9/16 (2006.01)

CPC (source: EP US)

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Cited by

GB2158474A; AT380496B; FR2537177A1; US7967948B2; WO2007143182A3

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