

Title (en)

Use of wash press for pulp alkali addition process.

Title (de)

Verwendung von einer Waschpresse unter Zugabe von Alkali zum Zellstoff.

Title (fr)

Utilisation d'une presse de lavage pour un procédé d'addition d'alkali à une pâte à papier.

Publication

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Application

EP 92202469 A 19920811

Priority

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Abstract (en)

Unbleached pulp is combined with an aqueous alkaline solution while in a state of low consistency (9) to distribute a first amount of alkaline material substantially uniformly throughout the pulp. The consistency of the pulp is then increased (12) to above about 18%, and the high consistency alkali containing pulp is then treated with oxygen (21) to effect delignification (20). Additional alkali may be applied onto the high consistency pulp prior to oxygen delignification to provide a total amount of between 0.8 and 7% by weight of oven dry pulp. The invention contemplates the use of one or more wash presses (7,30) for reducing the overall amounts of alkaline material utilized in the process. High strength, low lignin pulps (25) are subsequently formed which may be further bleached to high brightness with reduced amounts of chemicals by following the methods of the invention. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [AD] WO 8604938 A1 19860828 - ELTON EDWARD FRANCIS
- [AP] WO 9212288 A1 19920723 - UNION CAMP PATENT HOLDING [US]

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EP4208597A4; US9932709B2; WO2018022427A1

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