

Title (en)

ALKALINE PEROXIDE TREATMENT OF REJECTS IN AN INTEGRATED NEUTRAL-ALKALINE PAPER MILL

Title (de)

ALKALIPEROXIDBEHANDLUNG VON ABFÄLLEN IN EINER INTEGRIERTEN NEUTRALALKALI-PAPIERFABRIK

Title (fr)

TRAITEMENT PAR PEROXYDE ALCALIN DE REJETS DANS UNE USINE INTÉGRÉE DE FABRICATION DE PAPIER NEUTRE-ALCALIN

Publication

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Application

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Abstract (en)

[origin: WO2010147812A1] A processes producing mechanical pulps utilizing refiners for improving the quality of screen rejects, and most particularly to a mechanical pulp mill integrated with a neutral-alkaline papermaking process producing mechanical printing paper grades is disclosed. The rejects are treated with hydrogen peroxide, an alkali and an organic stabilizing agent just prior to or during refining to provide improved optical and physical properties of the refined rejects and more efficiently utilize electrical energy to reach target fiber quality after bleaching for cost-effectively producing a wide array of coated and uncoated mechanical printing papers.

IPC 8 full level

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