

Title (en)
MEDIUM CONSISTENCY OZONE BRIGHTENING OF HIGH CONSISTENCY OZONE BLEACHED PULP

Title (de)
MITTLERES KONSISTENZ-OZONBLEICHEN VON HOCHKONSISTENZ-OZONGEBLEICHTEM ZELLSTOFF

Title (fr)
BLANCHIMENT D'UNE P TE A PAPIER A CONCENTRATION MOYENNE AVEC DE L'OZONE, APRES DECOLORATION DE CETTE P TE A HAUTE CONCENTRATION AVEC DE L'OZONE

Publication
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Application
EP 94928024 A 19940901

Priority
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Abstract (en)
[origin: WO9506773A1] A process for delignifying and bleaching a lignocellulosic material (2) without the use of elemental chlorine or chlorine-containing compounds by forming (4) a pulp, oxygen delignifying (40) the pulp and thereafter further delignifying the oxygen delignified pulp by lifting, displacing and tossing the pulp in a radial direction while advancing it in an axial direction in a plug flow-like manner with an effective amount of ozone (88) for a sufficient time to obtain a substantially delignified pulp having a GE brightness of at least about 35 %. The substantially delignified pulp may then be brightened to a final product by treating the pulp with a brightening stage peroxide compound, followed by subsequently treating the pulp at low to medium consistency with ozone.

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IPC 8 full level
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