

Title (en)

BLEACHING CHEMICAL PULP USING CHLORINE/CHLORINE DIOXIDE THEN OZONE

Publication

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Application

EP 91916878 A 19910814

Priority

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Abstract (en)

[origin: WO9203609A1] The present invention provides for improvements in the preparation of chemical cellulosic wood pulp for use in papermaking, and specifically to enhancement of the quality of a kraft pulp which has been subjected to a chlorine dioxide/chlorine bleaching stage and thereafter subjected to ozonation prior to an extraction stage in the bleaching sequence. The improved pulp of the present invention exhibits reduced total organically bound chlorine residues in the wood pulp and adsorbed organic halides (AOX) in the effluent, and has good brightness and viscosity. The advantages of the present invention may be accomplished by means of a bleaching sequence that employs a minimum of stages, namely (D->C)ZED or DcZED with attendant relatively lower capital investment than heretofore possible.

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- See references of WO 9203609A1

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