

Title (en)

Process for bleaching cellulosic materials and plant for carrying out the process.

Title (de)

Verfahren zum Bleichen von cellulosehaltigen Materialien sowie Anlage zur Durchführung des Verfahrens.

Title (fr)

Procédé pour blanchir des matières cellulosiques et installation pour la mise en oeuvre de ce procédé.

Publication

EP 0434662 B1 19940921 (DE)

Application

EP 90890325 A 19901217

Priority

AT 292789 A 19891222

Abstract (en)

[origin: EP0434662A1] A process for bleaching cellulose-containing materials, in particular pulp, by means of ozone is characterised in that a solution of ozone in an aqueous medium (rich water) containing 30 to 300 g of O₃, preferably 100 to 150 g of O₃, per m³ of aqueous medium is fed under pressure to the materials suspended in an aqueous medium and mixed in a mixing device (5) with the latter medium, thereupon the mixture is passed through a reaction vessel (7), the bleached material is separated from the bleaching liquor and any residual ozone which may be present is destroyed.

IPC 1-7

D21C 9/153

IPC 8 full level

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CPC (source: EP US)

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