

Title (en)

TREATMENT OF CHEMICAL PULPS WITH HYDROGEN PEROXIDE IN ORDER TO BLEACH THEM

Publication

EP 0208625 B1 19880217 (FR)

Application

EP 86420138 A 19860527

Priority

FR 8508291 A 19850529

Abstract (en)

[origin: ES8802336A1] A two-stage hydrogen peroxide bleaching treatment of chemical pulp at a temperature of about 90 DEG -100 DEG C. comprising subjecting said pulp in a first stage to hydrogen peroxide and to at least about 3 grams/l of bath of a metal ion sequestering agent selected from nitrogen containing sequestering agents or agents derived from polyphosphoric or polyphosphonic acids at a pH of 8.5 to 9.5 so that hydrogen peroxide of about 0.3 to 2.5 wt. % relative to dry pulp weight is consumed, and subjecting said pulp in a second stage to hydrogen peroxide and to at least about 3x10⁻³ gram-atoms per 100 grams of dry pulp of magnesium in the form of magnesium hydroxide and a pH of at least about 11 so that about 2 to 5 weight % of hydrogen peroxide per weight of dry pulp is consumed during the two stages.

IPC 1-7

D21C 9/16

IPC 8 full level

D21C 9/10 (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP US)

D21C 9/163 (2013.01 - EP US)

Cited by

EP0402335A3; BE1007700A3; EP0313478A1; FR2622221A1; FR2661431A1; EP0514609A1; US5296100A; WO9601922A1; WO9512709A1; EP0402335B1

Designated contracting state (EPC)

AT BE DE FR IT SE

DOCDB simple family (publication)

EP 0208625 A1 19870114; EP 0208625 B1 19880217; AT E32534 T1 19880315; AU 5794486 A 19861204; CA 1273756 A 19900911; DE 3660024 D1 19880324; ES 555395 A0 19870501; ES 8802336 A1 19870501; FI 83239 B 19910228; FI 83239 C 19910610; FI 862257 A0 19860528; FI 862257 A 19861130; FR 2582692 A1 19861205; FR 2582692 B1 19871211; JP H0156194 B2 19891129; JP S61275491 A 19861205; US 4734161 A 19880329

DOCDB simple family (application)

EP 86420138 A 19860527; AT 86420138 T 19860527; AU 5794486 A 19860527; CA 508344 A 19860505; DE 3660024 T 19860527; ES 555395 A 19860528; FI 862257 A 19860528; FR 8508291 A 19850529; JP 12460086 A 19860529; US 84915786 A 19860407