

Title (en)

BLEACHING AND DELIGNIFYING CELLULOSE USING CAROATE/CARO'S ACID AND PRODUCTION OF SAME

Title (de)

BLEICHEN UND DELIGNIFIZIERUNG VON ZELLSTOFF DURCH CAROATE/CAROSCHE SÄURE UND HERSTELLUNG DERSELBEN

Title (fr)

BLANCHIMENT ET DELIGNIFICATION DE CELLULOSE PAR CAROATES/ACIDE DE CARO ET PRODUCTION DE CES DERNIERS

Publication

EP 0968328 A1 20000105 (DE)

Application

EP 98912491 A 19980319

Priority

- DE 19711929 A 19970321
- DE 19803001 A 19980127
- EP 9801622 W 19980319

Abstract (en)

[origin: WO9842911A1] The invention relates to a method for bleaching and/or delignifying cellulose in which a) a sodium hydroxide solution and a peroxydisulfate solution are first of all produced by electrolysis of a sulphate, b) the peroxydisulphate solution is converted by hydrolysis into a Caro's acid/carodate solution, c) said Caro's acid/carodate solution is left to cool and d) used immediately as a bleaching solution for bleaching and/or delignifying cellulose, the Caro's acid/carodate solution becoming neutralized upon introduction into the bleaching solution.

IPC 1-7

D21C 9/16

IPC 8 full level

D21C 9/16 (2006.01)

CPC (source: EP)

D21C 9/166 (2013.01)

Cited by

US8268123B2; US8864942B2

Designated contracting state (EPC)

AT DE FI FR GB SE

DOCDB simple family (publication)

WO 9842911 A1 19981001; AT E284994 T1 20050115; CA 2284520 A1 19981001; EP 0968328 A1 20000105; EP 0968328 B1 20041215; JP 2001518153 A 20011009; NO 994554 D0 19990920; NO 994554 L 19990920

DOCDB simple family (application)

EP 9801622 W 19980319; AT 98912491 T 19980319; CA 2284520 A 19980319; EP 98912491 A 19980319; JP 54485898 A 19980319; NO 994554 A 19990920