

Title (en)
IMPROVEMENTS TO THE BLEACHING PROCESS FOR CHEMICAL PULP AND INTERMEDIATE PULP DISPERSIONS

Title (de)
BLEICHVERFAHREN FÜR CHEMISCHE PULPE UND FÜR PULPENDISPERSIONEN IN FORM EINES ZWISCHENPRODUKTES

Title (fr)
PERFECTIONNEMENTS APPORTES AU PROCEDE DE BLANCHIMENT DE LA PATE CHIMIQUE ET DISPERSIONS INTERMEDIAIRES DE PATE

Publication
EP 1036237 A1 20000920 (EN)

Application
EP 97952831 A 19971125

Priority
EP 9706696 W 19971125

Abstract (en)
[origin: WO9927178A1] The invention relates to a process for bleaching chemical pulp, comprising a alkaline oxygen delignification step and a subsequent hydrogen peroxide bleaching step and involving removal of undesirable metal ions before and/or during the peroxide bleaching step by means of a chelating agent, wherein a polyamino disuccinic acid derivative, preferably ethylenediamine disuccinate (EDDS), is used as chelating agent at a pH value above 9.5, preferably at a pH value ranging from 10 to 11. The invention also relates to intermediate pulp dispersions containing a polyamino disuccinic acid derivative, preferably ethylenediamine disuccinate (EDDS), in a concentration of 0.01 to 2.5 % w/w on dry pulp substance and at a pH value above 9.5.

IPC 1-7
D21C 9/10

IPC 8 full level
D21C 9/10 (2006.01)

CPC (source: EP)
D21C 9/1042 (2013.01)

Citation (search report)
See references of WO 9927178A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9927178 A1 19990603; AU 5657098 A 19990615; CA 2310278 A1 19990603; EP 1036237 A1 20000920

DOCDB simple family (application)
EP 9706696 W 19971125; AU 5657098 A 19971125; CA 2310278 A 19971125; EP 97952831 A 19971125