

Title (en)

METHOD IN A PAPER OR PULP PROCESS TO CONTROL THE CHEMICAL STATE OF THE PULP AND CIRCULATION WATER SYSTEM

Title (de)

DIE PAPIER- BZW. HALBSTOFFHERSTELLUNG BEGLEITENDES VERFAHREN ZUR STEUERUNG DES CHEMISCHEN ZUSTANDS DES HALBSTOFF- UND KREISLAUFWASSERSYSTEMS

Title (fr)

PROCEDE DANS UN TRAITEMENT DE PAPIER OU DE PATE POUR LE CONTROLE DE L'ETAT CHIMIQUE DE LA PATE ET SYSTEME D'EAU DE CIRCULATION

Publication

EP 1430178 B1 20070321 (EN)

Application

EP 02753105 A 20020821

Priority

- FI 0200684 W 20020821
- FI 20015022 A 20010821
- FI 20025023 A 20020517

Abstract (en)

[origin: WO03018908A1] The invention relates to a method in a paper or pulp process to control the chemical state of the pulp and circulation water system (10). In the said process one or more raw-material components (PROCESS WATER, TMP, PULP, REJECT) diluted in liquid, possible fillers, and one or more additives are mixed to form stock. In the method, the electro-chemical state of at least one raw-material component (PROCESS WATER, TMP, PULP, REJECT) and/or the stock is regulated, without the regulation substantially affecting the pH values of the raw-material components (PROCESS WATER, TMP, PULP, REJECT) and/or of the stock.

IPC 8 full level

D21F 1/66 (2006.01); **D21C 9/10** (2006.01); **D21G 9/00** (2006.01); **D21H 23/78** (2006.01); **D21H 23/08** (2006.01)

CPC (source: EP US)

D21C 9/1052 (2013.01 - EP US); **D21F 1/66** (2013.01 - EP US); **D21G 9/0018** (2013.01 - EP US); **D21H 23/78** (2013.01 - EP US);
D21H 23/08 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03018908 A1 20030306; AT E357556 T1 20070415; CA 2456538 A1 20030306; CA 2456538 C 20100427; DE 60219046 D1 20070503;
DE 60219046 T2 20071213; EP 1430178 A1 20040623; EP 1430178 B1 20070321; FI 20025023 A0 20020517; FI 20025023 A 20030222;
US 2004238140 A1 20041202

DOCDB simple family (application)

FI 0200684 W 20020821; AT 02753105 T 20020821; CA 2456538 A 20020821; DE 60219046 T 20020821; EP 02753105 A 20020821;
FI 20025023 A 20020517; US 48730404 A 20040220