

Title (en)

METHOD FOR TREATING LIGNO-CELLULOSIC MATERIALS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON LIGNOZELLULOSE-MATERIALIEN

Title (fr)

PROCÉDÉ DE TRAITEMENT DE MATÉRIAUX LIGNO-CELLULOSIQUES

Publication

EP 2201170 A1 20100630 (EN)

Application

EP 08839424 A 20081015

Priority

- FI 2008050574 W 20081015
- FI 20075729 A 20071017

Abstract (en)

[origin: WO2009050336A1] The present invention relates to a method for treating pectin-containing ligno-cellulosic raw materials in a high-yield pulping process utilizing one or more treatment stages at alkaline conditions. The invention provides a method for controlling the alkaline treatment step, wherein the alkali is applied at a low temperature treatment stage before one or more consecutive treatment stages at the same or higher temperature. The present invention also provides pulp, paper, board or tissue obtained with said method.

IPC 8 full level

D21C 3/00 (2006.01); **D21B 1/12** (2006.01); **D21C 3/02** (2006.01); **D21C 9/08** (2006.01)

CPC (source: EP FI US)

D21B 1/00 (2013.01 - FI); **D21B 1/021** (2013.01 - EP US); **D21C 1/06** (2013.01 - FI); **D21C 3/00** (2013.01 - EP US); **D21C 3/02** (2013.01 - EP US); **D21C 9/08** (2013.01 - EP US); **D21C 9/10** (2013.01 - FI)

Citation (search report)

See references of WO 2009050336A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009050336 A1 20090423; AR 068684 A1 20091125; AU 2008313591 A1 20090423; BR PI0806106 A2 20110830;
CA 2670040 A1 20090423; CL 2008003043 A1 20090424; CN 101568685 A 20091028; EP 2201170 A1 20100630; FI 121310 B 20100930;
FI 20075729 A0 20071017; FI 20075729 A 20090418; MX 2009005832 A 20090616; RU 2009117645 A 20110210; US 2010269994 A1 20101028;
ZA 200903900 B 20100825

DOCDB simple family (application)

FI 2008050574 W 20081015; AR P080104362 A 20081006; AU 2008313591 A 20081015; BR PI0806106 A 20081015;
CA 2670040 A 20081015; CL 2008003043 A 20081015; CN 200880001293 A 20081015; EP 08839424 A 20081015; FI 20075729 A 20071017;
MX 2009005832 A 20081015; RU 2009117645 A 20081015; US 51663808 A 20081015; ZA 200903900 A 20081015