

Title (en)
METHOD AND ARRANGEMENT FOR TREATING FILTRATE AFTER OXYGEN DELIGNIFICATION OF CHEMICAL PULP COOKED TO A HIGH KAPPA NUMBER

Title (de)
VERFAHREN UND ANORDNUNG ZUR BEHANDLUNG EINES FILTRATS NACH DER SAUERSTOFFDELIGNIFIZIERUNG EINES BEI HOHER KAPPA-ZAHL ERHITZTEN CHEMISCHEN ZELLSTOFFS

Title (fr)
PROCÉDÉ ET DISPOSITIF DE TRAITEMENT D'UN FILTRAT APRÈS UNE DÉLIGNIFICATION PAR L'OXYGÈNE D'UNE PÂTE CHIMIQUE CUITE À UN NOMBRE KAPPA ÉLEVÉ

Publication
EP 2689063 A4 20141015 (EN)

Application
EP 12761412 A 20120321

Priority

- FI 20115277 A 20110322
- FI 20115278 A 20110322
- FI 20115754 A 20110715
- FI 2012050272 W 20120321

Abstract (en)
[origin: WO2012127111A1] The present invention relates to a method and an arrangement for treating chemical pulp that has been cooked to a high kappa number. Pulp is produced by cooking in an alkaline cooking process to a kappa number of 50-120, preferably 60-100, the cooked pulp is washed, the washed pulp is led into an oxygen stage where the pulp is treated in the presence of oxygen and alkali for removing lignin, and the oxygen-treated pulp is washed, whereby lignin-containing washing filtrate is formed. In the oxygen stage the kappa number of the pulp decreases by at least 30 units. The filtrate downstream of the oxygen stage is treated for separating lignin, and the treated filtrate is led as washing liquid into the washing apparatus for the cooked pulp.

IPC 8 full level
D21C 9/02 (2006.01); **D21C 9/147** (2006.01)

CPC (source: EP US)
D21C 3/24 (2013.01 - US); **D21C 7/00** (2013.01 - US); **D21C 9/02** (2013.01 - EP US); **D21C 9/147** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2012127111A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012127111 A1 20120927; BR 112013023777 A2 20161206; CA 2830312 A1 20120927; CL 2013002640 A1 20140131; CN 103459711 A 20131218; EP 2689063 A1 20140129; EP 2689063 A4 20141015; EP 2689063 B1 20170816; FI 20115754 A0 20110715; JP 2014508866 A 20140410; RU 2013146897 A 20150427; US 2014102648 A1 20140417

DOCDB simple family (application)
FI 2012050272 W 20120321; BR 112013023777 A 20120321; CA 2830312 A 20120321; CL 2013002640 A 20130913; CN 201280014425 A 20120321; EP 12761412 A 20120321; FI 20115754 A 20110715; JP 2014500430 A 20120321; RU 2013146897 A 20120321; US 201213261740 A 20120321