

Title (en)

METHOD AND SYSTEM FOR OXYGEN DELIGNIFICATION OF CELLULOSE PULP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SAUERSTOFFDELIGNIFIZIERUNG VON ZELLSTOFF

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉLIGNIFICATION À L'OXYGÈNE DE PÂTE CELLULOSIQUE

Publication

EP 3380667 A4 20190417 (EN)

Application

EP 16868982 A 20161116

Priority

- SE 1551539 A 20151127
- SE 2016051128 W 20161116

Abstract (en)

[origin: WO2017091129A1] The invention relates to an improved oxygen delignification stage located between 2 wash positions (W1, W2) in a fiberline producing bleached qualities of cellulose pulp. The inventive method and system divide the oxygen stage into at least 2 phases, and after the first phase is the pulp suspension effectively depressurized and vented to atmosphere in order to vent away the bulk volume of inert gases formed during the first phase. The partial pressure of oxygen added to final phase may thus be increased and the amount of oxygen dissolved in the liquid phase is increased enabling better delignification of the cellulose pulp in the final phase.

IPC 8 full level

D21C 9/147 (2006.01)

CPC (source: EP SE)

D21C 9/147 (2013.01 - EP SE); **D21C 9/1005** (2013.01 - SE)

Citation (search report)

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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 2017091129 A1 20170601; BR 112018005525 A2 20181009; BR 112018005525 B1 20220329; EP 3380667 A1 20181003; EP 3380667 A4 20190417; EP 3380667 B1 20200108; SE 1551539 A1 20170528; SE 540043 C2 20180306

DOCDB simple family (application)

SE 2016051128 W 20161116; BR 112018005525 A 20161116; EP 16868982 A 20161116; SE 1551539 A 20151127