

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

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Application

EP 16868982 A 20161116

Priority

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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

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CPC (source: EP SE)

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DOCDB simple family (publication)

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