

Title (en)
METHOD AND SYSTEM FOR PULP PROCESSING USING COLD CAUSTIC EXTRACTION WITH ALKALINE FILTRATE REUSE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ZELLSTOFFVERARBEITUNG VERWENDEND EINE KALT-ALKALI-EXTRAKTION MIT WIEDERVERWENDUNG DES ALKALISCHEN FILTRATES

Title (fr)
PROCÉDÉ ET SYSTÈME DE TRAITEMENT DE PÂTE À PAPIER UTILISANT UNE EXTRACTION CAUSTIQUE À FROID AVEC RE-UTILISATION DU FILTRAT ALCALIN

Publication
EP 2567022 B1 20141015 (EN)

Application
EP 10771810 A 20100818

Priority

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- US 78926510 A 20100527
- IB 2010002244 W 20100818

Abstract (en)
[origin: WO2011138633A1] A method for pulp processing includes a cold caustic extraction stage in which the spent cold caustic solution and the spent liquid used to wash the extracted pulp are concentrated by an evaporation system. The concentrated liquid can be used as part of the neutralization and cooking liquor in the pulp process, leading to increased efficiency without significant reduction in pulp quality. Highly concentrated filtrate from the cold caustic extraction stage may help reduce hemicellulose deposition on wood fiber during the cooking step.

IPC 8 full level
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CPC (source: EP KR)
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WO2017173008A1; US10894430B2; US11813843B2

Designated contracting state (EPC)
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WO 2011138633 A1 20111110; AU 2010352692 A1 20130110; AU 2010352692 B2 20140703; BR 112012028241 B1 20201110; BR PI1015676 A2 20130730; BR PI1015676 B1 20190319; CA 2744250 A1 20111104; CA 2744250 C 20161011; CL 2012003082 A1 20130401; CN 102985610 A 20130320; CN 102985610 B 20150812; CN 103003487 A 20130327; CN 103003487 B 20160427; EP 2567022 A1 20130313; EP 2567022 B1 20141015; EP 2567023 A1 20130313; EP 2567023 B1 20141015; ES 2525263 T3 20141219; ES 2525490 T3 20141223; JP 2013531139 A 20130801; JP 5808795 B2 20151110; KR 101512550 B1 20150417; KR 101613338 B1 20160418; KR 20130038861 A 20130418; KR 20130120982 A 20131105; MY 155796 A 20151130; MY 157311 A 20160531; NZ 604002 A 20140228; PT 2567022 E 20141223; PT 2567023 E 20141223; RU 2012151858 A 20140610; RU 2523973 C1 20140727; WO 2011138634 A1 20111110

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