

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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- KR 20100042681 A 20100506
- 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  
**D21C 1/06** (2006.01); **D21C 3/02** (2006.01); **D21C 11/00** (2006.01); **D21C 11/10** (2006.01)

CPC (source: EP KR)  
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Cited by  
WO2017173008A1; US10894430B2; US11813843B2

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