KVAE- F09 1994-035107/04 =RU 2129628-C1

Bleaching pulp avoiding use of chlorine etc. - involves acidification, sepn. of filtrate contg. metals and its return to pulp amt. not significantly affected

KVAERNER PULPING TECHNOLOGIES AB 1992.07.09 1992SE-002125

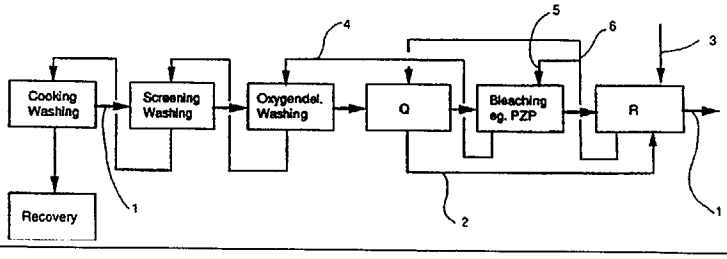
(1999.04.27) *WO 9401615-A1 *D21C 9/10*

1993.06.24 1995RU-105591 1993.06.24 1993WO-SE00567 Based on WO9401615-A (Eng)

Pulp bleaching process, involves sepg. pref. by acidification (Q) a first filtrate (2) contg. metals mostly in ionic form, and return of the sepd. metals to an amt. (R) of pulp which is not significantly affected during further treatment by the presence of metals which it has absorbed.

Pref. the cleaned filtrate is returned (4-6) to an early stage of the process, and the sepd. metals after a bleaching stage in which metals are undesirable, the stage being EO, or H2O2 or O3 stage.

ADVANTAGE - No Cl chemicals are used or Cl gas .D12.



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