

Title (en)

BLEACHING PULP WITH HIGH-PRESSURE O₂?

Title (de)

SAUERSTOFF-HOCHDRUCK-BLEICHUNG EINER PULPE

Title (fr)

BLANCHIMENT D'UNE PULPE A L'OXYGENE SOUS HAUTE PRESSION

Publication

EP 1244840 A1 20021002 (EN)

Application

EP 00938089 A 20000602

Priority

- US 0015263 W 20000602
- US 13804399 P 19990608
- US 51014000 A 20000222

Abstract (en)

[origin: WO0075420A1] A process for oxygen bleaching pulp in which the pulp is pre-treated prior to oxygen bleaching (52), e.g. to remove the hexeneuroonic acid. Oxygen bleaching (36, 42) is accomplished at high pressure in two stages with a medium consistency pump (32). The wash from the bleaching stage is not recycled into the chemical recovery system. A final whitening sequence includes at least one chlorine dioxide stage followed by an alkaline peroxide stage with no intervening wash is also included.

IPC 1-7

D21C 9/147

IPC 8 full level

D21C 9/10 (2006.01); **D21C 9/147** (2006.01)

CPC (source: EP)

D21C 9/1005 (2013.01); **D21C 9/1057** (2013.01); **D21C 9/147** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0075420 A1 20001214; AU 5317700 A 20001228; CA 2376528 A1 20001214; EP 1244840 A1 20021002; EP 1244840 A4 20030416

DOCDB simple family (application)

US 0015263 W 20000602; AU 5317700 A 20000602; CA 2376528 A 20000602; EP 00938089 A 20000602