

Title (en)

IMPROVED PULP BLEACHING APPARATUS AND METHOD.

Title (de)

VERBESSERTES ZELLSTOFFBLEICHVERFAHREN UND VORRICHTUNG DAFÜR.

Title (fr)

PROCEDE ET APPAREIL DE BLANCHIMENT AMELIORE DE PATE A PAPIER.

Publication

EP 0674729 A4 19970618 (EN)

Application

EP 94904438 A 19931210

Priority

- US 9312125 W 19931210
- US 99332392 A 19921218

Abstract (en)

[origin: WO9415016A1] A bleaching process and apparatus for producing high consistency pulp mats with relatively uniform chemical and temperature distribution in the pulp mat employs a washing press (100) in which the mat is formed in a first chamber (I) while a chemical solution which may first be heated or cooled is added to a second chamber (II). Liquor extraction begins in the first chamber (I) and continues through the second chamber (II) to the nip of the rolls (62). Displacement washing of liquor from the pulp mat begins at the juncture of the first and second chambers and continues until the pulp mat enters the nip. By this process, the adjustment of temperature and chemical content is uniformly accomplished with a minimum loss of energy or materials.

IPC 1-7

D21C 9/02; **D21C 9/10**

IPC 8 full level

D21C 9/02 (2006.01); **D21C 9/06** (2006.01); **D21C 9/10** (2006.01); **D21C 9/147** (2006.01); **D21C 9/153** (2006.01)

CPC (source: EP)

D21C 9/06 (2013.01); **D21C 9/10** (2013.01); **D21C 9/147** (2013.01); **D21C 9/153** (2013.01)

Citation (search report)

- [X] DE 1918899 A1 19691106 - KARLSTAD MEKANISKA AB
- See references of WO 9415016A1

Designated contracting state (EPC)

AT DE SE

DOCDB simple family (publication)

WO 9415016 A1 19940707; BR 9307672 A 19990908; CA 2151812 A1 19940707; EP 0674729 A1 19951004; EP 0674729 A4 19970618; FI 952999 A0 19950616; FI 952999 A 19950616; JP H08504899 A 19960528; NO 952335 D0 19950613; NO 952335 L 19950613

DOCDB simple family (application)

US 9312125 W 19931210; BR 9307672 A 19931210; CA 2151812 A 19931210; EP 94904438 A 19931210; FI 952999 A 19950616; JP 51524694 A 19931210; NO 952335 A 19950613