

Title (en)

WOOD PULP PROCESSING APPARATUS AND METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZELLSTOFFBEHANDLUNG

Title (fr)

APPAREIL ET PROCEDE DE TRAITEMENT DE LA PATE DE BOIS

Publication

EP 0689626 A4 19971210 (EN)

Application

EP 94909766 A 19940218

Priority

- US 9401943 W 19940218
- US 2032493 A 19930219

Abstract (en)

[origin: WO9419534A1] A system for dewatering/washing wood pulp and also for bleaching the same. Pulp from a digester is directed into a dewatering/washing apparatus (10) which comprises a high pressure vessel (12) in which there is a table assembly (24) having a perforate support surface for receiving the pulp thereon. A pressure differential is applied across the table assembly so that liquid is removed from the pulp. Also, a processing chemical and/or compound for bleaching is directed into the pulp at a final stage in the washer so as to be retained in the pulp. The pulp is then directed to a pressurized processing vessel where the compound and/or chemical reacts with the pulp. The pulp so treated in the processing vessel is then directed through a second washing station where the pulp is dewatered and has a compound and/or chemical introduced thereon, after which the pulp is transmitted to a second pressure vessel. This process is continued until the bleaching process is completed.

IPC 1-7

D21C 9/02; **D21C 9/153**; **D21C 9/16**; **D21C 9/18**; **B01D 24/00**

IPC 8 full level

D21C 9/06 (2006.01); **D21C 9/10** (2006.01); **D21C 9/153** (2006.01); **D21C 9/16** (2006.01); **D21C 9/18** (2006.01); **D21D 1/40** (2006.01); **D21F 1/80** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] US 4154644 A 19790515 - ERICSSON ERIC O [US]
- [Y] US 4529479 A 19850716 - TUOMI ALPO [FI]
- [Y] US 3398412 A 19680827 - ENSIO AREMAA TOIVO
- See references of WO 9419534A1

Designated contracting state (EPC)

AT DE SE

DOCDB simple family (publication)

WO 9419534 A1 19940901; AU 6248394 A 19940914; EP 0689626 A1 19960103; EP 0689626 A4 19971210

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US 9401943 W 19940218; AU 6248394 A 19940218; EP 94909766 A 19940218