

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 A1 19960103 (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)  
**D21C 9/06** (2013.01); **D21C 9/10** (2013.01); **D21C 9/1005** (2013.01); **D21C 9/153** (2013.01); **D21C 9/163** (2013.01); **D21C 9/18** (2013.01); **D21D 1/40** (2013.01); **D21F 1/80** (2013.01)

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

DOCDB simple family (application)  
**US 9401943 W 19940218**; AU 6248394 A 19940218; EP 94909766 A 19940218