

Title (en)
A PRESS SECTION APPARATUS

Title (de)
PRESSPARTIE

Title (fr)
APPAREIL DE SECTION PRESSE

Publication
EP 0719361 A1 19960703 (EN)

Application
EP 94924136 A 19940808

Priority
• US 9408873 W 19940808
• US 12302293 A 19930916

Abstract (en)
[origin: WO9508025A1] A press section apparatus (10) is disclosed for pressing water from a formed web (W). The apparatus (10) includes a first extended nip press (N1) for pressing a first portion of water from the web (W). A press felt (12) extends through the first press (N1), and a suction turning roll (14) is disposed downstream relative to the first press (N1) for guiding the press felt (12) and for urging the web (W) towards and around the turning roll (14). A second extended nip press (N2) is disposed downstream relative to the turning roll (14). The second press (N2) includes a backing roll (16) having a smooth circumferential surface (18) such that the web (W) follows the surface (18) when the web (W) emerges from the second press (N2). A transfer arrangement (20) transfers the web (W) away from the smooth surface (18) and onto a further press felt (22) which is disposed downstream relative to the smooth surface (18). A third extended nip press (N3) is disposed downstream relative to the transfer means (20) for controlling two-sidedness of the resultant web (W).

IPC 1-7
D21F 3/02; **D21F 3/04**

IPC 8 full level
D21F 3/02 (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP KR)
D21F 3/04 (2013.01 - EP KR); **D21F 3/045** (2013.01 - EP KR)

Citation (search report)
See references of WO 9508025A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 9508025 A1 19950323; BR 9407490 A 19960625; CA 2171952 A1 19950323; DE 69415031 D1 19990114; DE 69415031 T2 19990701; EP 0719361 A1 19960703; EP 0719361 B1 19981202; FI 116148 B 20050930; FI 961228 A0 19960315; FI 961228 A 19960315; JP 2720113 B2 19980225; JP H08509036 A 19960924; KR 960704114 A 19960831

DOCDB simple family (application)
US 9408873 W 19940808; BR 9407490 A 19940808; CA 2171952 A 19940808; DE 69415031 T 19940808; EP 94924136 A 19940808; FI 961228 A 19960315; JP 50917095 A 19940808; KR 19960700770 A 19960215