

Title (en)
A DRYER SECTION APPARATUS

Publication
EP 0368937 B1 19920812 (EN)

Application
EP 88909246 A 19880613

Priority
• GB 8717387 A 19870723
• US 11040587 A 19871019

Abstract (en)
[origin: WO8901073A2] A dryer section apparatus (10C) is disclosed for drying a web extending therethrough. The apparatus (10C) includes a plurality of lower dryer drums (20C, 34, 36) and a plurality of upper dryer drums (16C, 18C, 38). A lower felt (14C) partially wraps each lower dryer drum (20C, 34, 36) of the plurality of lower dryer drums and each lower intermediate roll (24C, 28C, 40) of a plurality of lower intermediate rolls is disposed between adjacent lower dryer drums such that each alternate lower intermediate roll (24C, 40) guides both the web and the lower felt (14C). An upper felt (12C) partially wraps each of the upper dryer drums (16C, 18C, 38) of the plurality of upper dryer drums. The apparatus also includes a plurality of upper intermediate rolls (44, 22C, 46) with each upper intermediate roll being disposed between adjacent upper dryer drums such that each alternate upper intermediate roll (22C) guides both the web and the felt so that the web is transferred in open draw between adjacent upper and lower dryer drums thereby minimizing the length of the open draw and inhibiting web flutter during transfer between upper and lower dryer drums.

IPC 1-7
D21F 5/04

IPC 8 full level
D21F 5/04 (2006.01)

CPC (source: EP)
D21F 5/04 (2013.01)

Cited by
US5537755A

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
WO 8901073 A2 19890209; WO 8901073 A3 19890223; AU 2551288 A 19890301; AU 608386 B2 19910328; BR 8807626 A 19900626; EP 0368937 A1 19900523; EP 0368937 B1 19920812; FI 89523 B 19930630; FI 89523 C 19950425; FI 900306 A0 19900119; JP H03500790 A 19910221; JP H076156 B2 19950130

DOCDB simple family (application)
US 8802019 W 19880613; AU 2551288 A 19880613; BR 8807626 A 19880613; EP 88909246 A 19880613; FI 900306 A 19900119; JP 50847288 A 19880613