

Title (en)
WET END OF A PAPER-MAKING MACHINE

Publication
EP 0069925 B1 19851211 (DE)

Application
EP 82105865 A 19820701

Priority
DE 3128156 A 19810716

Abstract (en)
[origin: US4416730A] The disclosure concerns the wire end section of a paper making machine. The wire belt is an endless loop and the pulp suspension is supplied by one or more head boxes. The head box has an upstream and a downstream flow guide wall defining a pulp outlet opening between them. The downstream guide wall has a convexly curved slide shoe which cooperates with the passing wire belt to define a web-forming zone. At the other side of the wire belt, upstream of the outlet opening, another convexly curved wire support surface is defined for leading the wire belt into the web-forming zone. Both of the convexly curved surfaces are displaceable transversely to the direction of pulp flow from the head box. The radius of curvature of the slide shoe is greater at the outlet opening and smaller away from the outlet opening. The radius of curvature of the cooperating supporting surface on the other side of the belt is smaller than the mean radius of curvature of the slide shoe. Where a plurality of head boxes are provided, drainage water from one head box is collected and is pumped to supply water for the other head box, and vice-versa.

IPC 1-7
D21F 1/02

IPC 8 full level
D21F 1/00 (2006.01); **D21F 1/02** (2006.01)

CPC (source: EP US)
D21F 1/02 (2013.01 - EP US); **D21F 1/028** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH GB IT LI SE

DOCDB simple family (publication)
EP 0069925 A1 19830119; EP 0069925 B1 19851211; AT E16948 T1 19851215; BR 8203666 A 19830621; DE 3128156 A1 19830127; DE 3128156 C2 19850124; FI 822522 A0 19820715; FI 822522 L 19830117; JP H0210277 B2 19900307; JP S5823985 A 19830212; SU 1123543 A3 19841107; US 4416730 A 19831122

DOCDB simple family (application)
EP 82105865 A 19820701; AT 82105865 T 19820701; BR 8203666 A 19820618; DE 3128156 A 19810716; FI 822522 A 19820715; JP 12305382 A 19820716; SU 3473004 A 19820716; US 39642482 A 19820708