

Title (en)

Dewatering apparatus for the wet section of a papermachine

Title (de)

Entwässerungseinrichtung für die Nasspartie einer Papiermaschine

Title (fr)

Dispositif d'égouttage pour la partie humide d'une machine à papier

Publication

**EP 0503249 B1 19960619 (DE)**

Application

**EP 92101206 A 19920125**

Priority

DE 4107653 A 19910309

Abstract (en)

[origin: CA2062394A1] A dewatering device for the web-forming or wet section of a papermaking machine comprises foils arranged transverse to a forming wire, that is to say, extend in the cross-machine direction. Force or powering elements act upon the foils so as to exert a force or pressure upon the forming wire, and thus, bring about dewatering and sheet formation of a layer of fiber stock suspension reposing upon the forming wire. The force elements are constructed and positioned such that additional moments are generated which counteract tilting moments produced by the frictional force present between the foils and the forming wire. In certain arrangements, the force elements also can be interconnected with one another. P10699 Canada

IPC 1-7

**D21F 1/48**

IPC 8 full level

**D21F 1/52** (2006.01); **D21F 1/48** (2006.01)

CPC (source: EP US)

**D21F 1/486** (2013.01 - EP US)

Designated contracting state (EPC)

AT FR GB IT NL SE

DOCDB simple family (publication)

**EP 0503249 A1 19920916; EP 0503249 B1 19960619**; AT E139587 T1 19960715; CA 2062394 A1 19920910; DE 4107653 A1 19920910; JP H04333690 A 19921120; US 5262010 A 19931116

DOCDB simple family (application)

**EP 92101206 A 19920125**; AT 92101206 T 19920125; CA 2062394 A 19920306; DE 4107653 A 19910309; JP 4978992 A 19920306; US 84647792 A 19920306