

Title (en)

Device for dewatering tissue webs

Title (de)

Vorrichtung zur Entwässerung von Tissuebahnen

Title (fr)

Dispositif de drainage de bandes de papier mouchoir

Publication

**EP 2085515 A3 20110629 (DE)**

Application

**EP 08171455 A 20081212**

Priority

DE 102008000226 A 20080204

Abstract (en)

[origin: EP2085515A2] The device (100) has a dewatering device (101) with an endless, permeable structured band (4) e.g. spiral linking band, and an endless permeable dewatering band (5) e.g. filter band. Pressure applying units apply a pressure on the bands and between tissue webs (T) in a dewatering section (38). The pressure applying units exhibit mechanical filter pressing units (17) for applying the pressure that locally limits in circumferential direction and for applying pressure in material flow direction of the webs only in an inlet region (22) of the bands in the dewatering section at a suction roll (6).

IPC 8 full level

**D21F 11/00** (2006.01); **D21F 3/04** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP)

**D21F 3/04** (2013.01); **D21F 3/045** (2013.01); **D21F 11/006** (2013.01); **D21F 11/14** (2013.01); **D21F 11/145** (2013.01)

Citation (search report)

- [XY] WO 2005075736 A2 20050818 - VOITH FABRICS PATENT GMBH [DE], et al
- [Y] WO 9940255 A1 19990812 - VALMET KARLSTAD AB [SE]
- [Y] US 5904811 A 19990518 - AMPULSKI ROBERT STANLEY [US], et al
- [Y] EP 1156153 A1 20011121 - VALMET KARLSTAD AB [SE]
- [A] EP 1749934 A1 20070207 - VOITH PATENT GMBH [DE]

Cited by

CN103987893A; CN105735026A; CN103328723A; EP2712958A1; EP3623525A1; CN110904716A; IT202100020858A1; WO2012065804A1; WO2023012843A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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