

Title (en)

Apparatus for making a paper web with at least one endless screen belt guided by bearing and guide rollers

Title (de)

Anlage zur Erzeugung eines Papierbandes mit mindestens einem über Trag- bzw. Führungswalzen bewegten, in sich geschlossenen Siebband

Title (fr)

Appareil pour la fabrication d' une bande de papier comportant au moins une bande de tamisage sans fin guidée par des rouleaux de support et de guidage

Publication

**EP 1382741 A3 20040818 (DE)**

Application

**EP 03450022 A 20030123**

Priority

AT 10852002 A 20020718

Abstract (en)

[origin: EP1382741A2] The machine for the production of a paper web (10) has a closed fourdrinier (1,2) moving around carrier and guide rollers (11,21), and a stock inlet (3) to feed pulp to the fourdrinier assembly. Suction units (41-43) are along the line of the fourdrinier path together with ceramic stripper bars. The fourdriniers and the ceramic bars are cooled by a coolant, and especially water, delivered by jets (61-63) controlled by valves (71-73). At least one thermal sensor is fitted to at least part of the ceramic bars (44), linked to a display or a control unit (70).

IPC 1-7

**D21F 9/00**; **D21F 1/48**; **D21G 9/00**

IPC 8 full level

**D21F 1/48** (2006.01); **D21F 1/52** (2006.01); **D21F 9/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP US)

**D21F 1/48** (2013.01 - EP US); **D21F 9/003** (2013.01 - EP US); **D21G 9/0027** (2013.01 - EP US)

Citation (search report)

- [PX] DE 10123529 A1 20021121 - VOITH PAPER PATENT GMBH [DE]
- [PX] EP 1260633 A2 20021127 - VOITH PAPER PATENT GMBH [DE]
- [A] DE 3128866 A1 19830210 - FELDMUEHLE AG [DE]

Cited by

EP1845189A3; WO2020052833A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**EP 1382741 A2 20040121**; **EP 1382741 A3 20040818**; AT 411536 B 20040225; AT A10852002 A 20030715; CA 2424349 A1 20040118; CA 2424349 C 20070918; JP 2004052207 A 20040219; JP 4125171 B2 20080730; US 2004011491 A1 20040122; US 6884322 B2 20050426

DOCDB simple family (application)

**EP 03450022 A 20030123**; AT 10852002 A 20020718; CA 2424349 A 20030402; JP 2003106635 A 20030410; US 40584803 A 20030402