

Title (en)

Device for the treatment, in particular for low pressure treatment, of the wire or felt of a papermachine

Title (de)

Vorrichtung zur Behandlung insbesondere zur Unterdruck-Beaufschlagung, des in einer Anlage zur Papiererzeugung vorgesehenen im Umlauf bewgten mindestens einen Siebbandes bzw. Filzbandes

Title (fr)

Dispositif pour traiter en particulier pour traiter par dépression, la toile de fabrication ou le feutre d'une machine à papier

Publication

**EP 1449958 B1 20100317 (DE)**

Application

**EP 03450202 A 20030911**

Priority

AT 2572003 A 20030220

Abstract (en)

[origin: EP1449958A1] In a papermaking process a wet fibre layer on a moving dewatering belt (1) and felt belt (2), the belt lower face is subjected to a partial vacuum. The belt (1, 2) is supported by a structure (4, 5) with a series of separate supporting components located at intervals. The supporting components are separated from the moving sieve belt (1) and felt (2) by low-wear pads. The supporting components are position-adjustable transverse beams forming corrugated outer margins. The supporting structures also move and generate an oscillating action in the moving wet fibre suspension.

IPC 8 full level

**D21F 1/48** (2006.01); **D21F 1/52** (2006.01); **D21F 1/10** (2006.01); **D21F 1/30** (2006.01); **D21F 1/66** (2006.01); **D21F 7/08** (2006.01); **D21F 7/12** (2006.01)

CPC (source: EP US)

**D21F 1/18** (2013.01 - EP US); **D21F 1/20** (2013.01 - EP US); **D21F 1/52** (2013.01 - EP US); **D21F 1/523** (2013.01 - EP US)

Cited by

WO2011151239A3

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 RO SE SI SK TR

DOCDB simple family (publication)

**EP 1449958 A1 20040825**; **EP 1449958 B1 20100317**; AT 500751 A1 20060315; AT 500751 B1 20060815; AT 500751 B8 20070215; AT E461317 T1 20100415; AT E511572 T1 20110615; CA 2444684 A1 20040820; CA 2444684 C 20070918; CN 1327080 C 20070718; CN 1523163 A 20040825; DE 50312520 D1 20100429; EP 2210977 A1 20100728; EP 2210977 B1 20110601; ES 2339233 T3 20100518; ES 2362857 T3 20110714; JP 2004250854 A 20040909; JP 4109179 B2 20080702; US 2004163787 A1 20040826; US 7175744 B2 20070213

DOCDB simple family (application)

**EP 03450202 A 20030911**; AT 03450202 T 20030911; AT 10450007 T 20030911; AT 2572003 A 20030220; CA 2444684 A 20031015; CN 200410005417 A 20040218; DE 50312520 T 20030911; EP 10450007 A 20030911; ES 03450202 T 20030911; ES 10450007 T 20030911; JP 2003360676 A 20031021; US 68263903 A 20031009