

Title (en)

Device for bracing a filter band, felt band or paper band located in a facility for making paper

Title (de)

Einrichtung zur Abstützung eines in einer Anlage zur Papiererzeugung befindlichen Siebbandes, Filzbandes oder Papierbandes

Title (fr)

Dispositif de soutien d'une bande tamis, bande feutre ou bande de papier se trouvant dans une installation de production de papier

Publication

EP 1947237 A3 20090520 (DE)

Application

EP 07450158 A 20070917

Priority

- AT 19242006 A 20061121
- AT 5042007 A 20070330

Abstract (en)

[origin: US2008115812A1] In a device for cleaning a felt in a paper production plant, the felt is guided over supporting elements and the supporting elements are assigned at least one suction device and at least one device for applying a cleaning liquid to the felt. In this case, on both sides of the felt in each case there are provided supporting elements which extend transversely with respect to the felt. The supporting elements are disposed on the two sides of the felt offset in relation to one another in the longitudinal direction of the felt in such a way that in each case a supporting element disposed on one side is located between two supporting elements disposed on the other side of the felt and projects in between the latter, which results in that the felt is moved in a wavy course between the mutually opposite supporting elements. A suction channel is disposed between two supporting elements located beside each other.

IPC 8 full level

D21F 1/36 (2006.01); **D21F 1/24** (2006.01); **D21F 1/50** (2006.01)

CPC (source: EP US)

D21F 1/24 (2013.01 - EP US); **D21F 1/32** (2013.01 - EP US); **D21F 1/36** (2013.01 - EP US); **D21F 1/50** (2013.01 - EP US)

Citation (search report)

- [X] DE 19636791 A1 19980312 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [X] US 3298904 A 19670117 - COMPTE JR ARCHIE R LE
- [X] DE 680349 C 19400202 - BANNING & SEYBOLD AKT GES MASC
- [A] WO 02070817 A1 20020912 - METSO PAPER INC [FI], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

US 94386607 A 20071121; BR PI0704051 A 20071119; CA 2607451 A 20071023; EP 07450158 A 20070917; JP 2007297619 A 20071116