

Title (en)
METHOD AND DEVICE FOR GUIDING A PAPER WEB OR THE LIKE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR FÜHRUNG EINER PAPIERBAHN ODER DERGLEICHEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DESTINÉ À GUIDER UN PAPIER EN BOBINES OU SIMILAIRE

Publication
EP 2057315 A4 20140108 (EN)

Application
EP 07803699 A 20070824

Priority
• FI 2007000209 W 20070824
• FI 20060757 A 20060825

Abstract (en)
[origin: WO2008023090A1] The invention relates to a method and device for guiding a paper web, or corresponding web-like moving track, by using jets of compressed air as an aid. There are two jet directions, one essentially facing the arrival direction of the web (1) and the other essentially facing the departure direction of the web (1), in which case the jets form an area of vacuum between them. Compressed air is fed from one or more inlet ducts (3, 6).

IPC 8 full level
D21F 1/42 (2006.01); **D21F 5/00** (2006.01); **D21F 7/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP FI US)
D21F 1/42 (2013.01 - EP US); **D21F 5/042** (2013.01 - FI); **D21G 9/0063** (2013.01 - EP FI US)

Citation (search report)
• [XY] WO 0140573 A1 20010607 - METSO PAPER INC [FI], et al
• [XY] DE 3941242 A1 19910620 - VOITH GMBH J M [DE]
• [X] EP 0426607 A2 19910508 - BELOIT CORP [US]
• [X] WO 03040468 A1 20030515 - METSO PAPER INC [FI], et al
• [X] WO 0235001 A1 20020502 - METSO PAPER INC [FI], et al
• [Y] WO 0112898 A1 20010222 - RUNTECH SYSTEMS OY [FI], et al
• See also references of WO 2008023090A1

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

DOCDB simple family (publication)
WO 2008023090 A1 20080228; BR PI0715731 A2 20130924; CA 2661542 A1 20080228; CN 101517160 A 20090826; EP 2057315 A1 20090513; EP 2057315 A4 20140108; FI 20060757 A0 20060825; FI 20060757 L 20080226; US 2009242156 A1 20091001

DOCDB simple family (application)
FI 2007000209 W 20070824; BR PI0715731 A 20070824; CA 2661542 A 20070824; CN 200780035141 A 20070824; EP 07803699 A 20070824; FI 20060757 A 20060825; US 31034907 A 20070824