

Title (en)

Device for guiding or transferring a paper, cardboard or other fibre web

Title (de)

Vorrichtung zum Führen bzw. Überführen einer Papier-, Karton- oder anderen Faserstoffbahn

Title (fr)

Dispositif de guidage ou de transfert d'une bande en papier, carton ou autre matière fibreuse

Publication

EP 1972718 A3 20090805 (DE)

Application

EP 08152356 A 20080306

Priority

DE 102007014118 A 20070323

Abstract (en)

[origin: EP1972718A2] The device has an edge nozzle (7) separating a web (2) and/or a feed strip from a guide surface by an air jet produced from the nozzle. A belt conveyor (10) transports the web and/or the strip to a web dispensing guide area (3). An air permeable continuous conveyor band is guided over an upstream roller (14) i.e. suction roller, and a downstream roller (15) i.e. drive roller. The upstream roller has a smaller diameter than the downstream roller. An upstream end (16) is attached to a separation element i.e. cutter, for separating the web and/or strip and to form a new web opening.

IPC 8 full level

D21G 9/00 (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP)

D21F 7/006 (2013.01); **D21G 9/0063** (2013.01)

Citation (search report)

- [Y] WO 9208005 A1 19920514 - FIBRON MACHINE CORP [CA]
- [YD] EP 1440926 A2 20040728 - VOITH PAPER PATENT GMBH [DE]
- [A] US 3355349 A 19671128 - DEVLIN ANDREW G
- [A] US 5355593 A 19941018 - KOTITSCHKE GERHARD [DE]
- [A] WO 03018909 A1 20030306 - METSO PAPER INC [FI], et al
- [AD] EP 1245729 A1 20021002 - VOITH PAPER PATENT GMBH [DE]

Cited by

EP2192227A3; WO2011036341A1

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)

EP 1972718 A2 20080924; EP 1972718 A3 20090805; DE 102007014118 A1 20080925

DOCDB simple family (application)

EP 08152356 A 20080306; DE 102007014118 A 20070323