

Title (en)

Device for treating a web of material

Title (de)

Vorrichtung zur Behandlung einer Materialbahn

Title (fr)

Dispositif pour le traitement d'une bande de matériau

Publication

EP 1788153 A3 20130703 (DE)

Application

EP 06122728 A 20061023

Priority

DE 102005055215 A 20051119

Abstract (en)

[origin: EP1788153A2] The device has a stabilizing bar (20) to transfer a material's path (16) and an air-permeable support strip from a preceding movable/stationary supporting surface to a following supporting surface. The path and strip are detached from the preceding supporting surface in a discharging zone. The bar has a sealing device (22) which covers a soft Teflon seal (36). An air knife is provided for sealing of a slat transfer area.

IPC 8 full level

D21F 5/04 (2006.01); **D21F 3/10** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP)

D21F 3/10 (2013.01); **D21F 5/042** (2013.01); **D21F 5/046** (2013.01); **D21G 9/0063** (2013.01)

Citation (search report)

- [XY] EP 1285992 A1 20030226 - VOITH PAPER PATENT GMBH [DE]
- [XY] EP 1285991 A2 20030226 - VOITH PAPER PATENT GMBH [DE]
- [X] DE 4314475 A1 19931223 - VOITH GMBH J M [DE]
- [X] WO 8202938 A1 19820902 - WEYERHAEUSER CO [US]
- [Y] DE 1036624 B 19580814 - BELOIT IRON WORKS
- [Y] DE 3831280 A1 19890406 - VALMET PAPER MACHINERY INC [FI]
- [YD] DE 202004009702 U1 20040826 - VOITH PAPER PATENT GMBH [DE]
- [Y] GB 2110804 A 19830622 - BELOIT CORP
- [YD] DE 202004009700 U1 20040902 - VOITH PAPER PATENT GMBH [DE]
- [YD] DE 3707612 A1 19880922 - VOITH GMBH J M [DE]
- [Y] DE 20313705 U1 20040422 - VOITH PAPER PATENT GMBH [DE]
- [Y] WO 2004046460 A1 20040603 - METSO PAPER INC [FI], et al
- [Y] US 2005075229 A1 20050407 - KURKI MATTI [FI], et al
- [YD] DE 10247697 A1 20040422 - VOITH PAPER PATENT GMBH [DE]
- [Y] WO 0053846 A1 20000914 - VALMET CORP [FI], et al

Cited by

EP2138632A1; EP4375417A1; EP2135994A3; EP2135994A2; EP2135995A2; WO2011036019A1; DE102022131108A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1788153 A2 20070523; EP 1788153 A3 20130703; DE 102005055215 A1 20070524

DOCDB simple family (application)

EP 06122728 A 20061023; DE 102005055215 A 20051119