

Title (en)

Arrangement for guiding a fibrous web in a dryer.

Title (de)

Anordnung zum Führen einer zu trocknenden Faserstoff-Bahn.

Title (fr)

Aménagement pour guider une bande fibreuse dans un séchoir.

Publication

EP 0640716 A3 19960131 (DE)

Application

EP 94109372 A 19940617

Priority

US 10276693 A 19930806

Abstract (en)

[origin: EP0640716A2] The arrangement is used for guiding the web and the supporting belt (15) from one drying cylinder (11) to a deflection roll (10). The deflection roll (10) has perforations (13) which can be connected to a low-pressure source. This is by means of an external suction box (14), the suction box (14) having longitudinal sealing strips (28, 29), which cooperate with the roll cover (10a), in the region of the free peripheral part of the deflection roll (10). The longitudinal sealing strips (28, 29) are designed in the manner of a doctor blade and are secured to the suction box (14) in a resiliently yielding manner; they lie at least approximately tangentially on the roll cover (10a), only gentle contact being produced.
<IMAGE>

IPC 1-7

D21F 5/04

IPC 8 full level

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

CPC (source: EP)

D21F 5/04 (2013.01); **D21F 5/042** (2013.01); **D21G 9/0063** (2013.01)

Citation (search report)

- [PA] DE 4401378 A1 19940601 - VOITH GMBH J M [DE]
- [DA] DE 3910600 A1 19901004 - VOITH GMBH J M [DE]
- [A] DE 3828743 A1 19890323 - VALMET PAPER MACHINERY INC [FI]
- [DPA] DE 4314475 A1 19931223 - VOITH GMBH J M [DE]

Cited by

DE102015207284A1; EP2161372A3; CN111578687A; EP1479823A1; DE19714758A1; EP0872592A3; DE102015207284B4; DE29613809U1; US5860223A; US6772533B2; US6311921B1; US6192597B1

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