

Title (en)
WEB-GUIDING DEVICE

Title (de)
BAHNFÜHRUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE GUIDAGE DE BANDE

Publication
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Application
EP 04741789 A 20040614

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Abstract (en)
[origin: WO2005021866A1] The invention relates to a web-guiding device comprising at least one directing element (10) for guiding a web in a contactless manner in a machine that is used for producing and/or treating a moved web of material (1), especially a paper or cardboard web. Said directing element (10) is provided with a directing surface (12) that is made at least in part of air-permeable porous material (14) which can be impinged upon by compressed air so as to form an air cushion (18) between the directing surface (12) and the moved web of material (1) via the air (16) flowing through said porous material (14). The directing surface (12) is divided into at least one web transfer zone (2, 4) and a web-guiding zone (3) along the direction of movement (2) of the web of material. Said zones (2, 4; 3) are embodied so as to allow for a different air throughput.

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D21F 1/36; D21F 5/04

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