

Title (en)

CONTACT-FREE SHEET MATERIAL DIVERTING DEVICE

Title (de)

VORRICHTUNG ZUR BERÜHRUNGSLOSEN UMLENKUNG VON BAHNFÖRMIGEM MATERIAL

Title (fr)

DISPOSITIF DE DEVIATION SANS CONTACT POUR MATERIAU EN FEUILLE

Publication

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Application

**EP 94929584 A 19941005**

Priority

- FR 9401165 W 19941005
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Abstract (en)

[origin: WO9510012A1] A device for diverting sheet, web or mat material treated continuously uses an air cushion (6) formed about a cylindrical surface (4). Infrared transmitters (7), whose radiation is directed to a portion of the material (1) being diverted, are provided in or under the cylindrical surface (4), in addition to the air-blowing means (5) generating the air cushion (6). The same volume therefore houses means for diverting the material (1) and means for heating it, especially in order to dry it. At the same time that the blown air flow generates the air cushion (6), it also cools the infrared transmitters (7). Application, in particular, in the manufacture, transformation and treatment of materials such as paper, fabric and synthetic film.

IPC 1-7

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IPC 8 full level

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