

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

EP 0719401 B1 19971217 (FR)

Application

EP 94929584 A 19941005

Priority

- FR 9401165 W 19941005
- FR 9312095 A 19931006

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

F26B 13/20; **F26B 3/30**

IPC 8 full level

F26B 3/28 (2006.01); **F26B 13/20** (2006.01)

CPC (source: EP US)

F26B 3/283 (2013.01 - EP US); **F26B 13/104** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9510012 A1 19950413; AT E161322 T1 19980115; AU 7858694 A 19950501; CA 2173620 A1 19950413; CN 1132550 A 19961002; DE 69407423 D1 19980129; DE 69407423 T2 19980716; EP 0719401 A1 19960703; EP 0719401 B1 19971217; FI 961495 A0 19960403; FI 961495 A 19960503; FR 2710971 A1 19950414; FR 2710971 B1 19951229; US 5636450 A 19970610

DOCDB simple family (application)

FR 9401165 W 19941005; AT 94929584 T 19941005; AU 7858694 A 19941005; CA 2173620 A 19941005; CN 94193681 A 19941005; DE 69407423 T 19941005; EP 94929584 A 19941005; FI 961495 A 19960403; FR 9312095 A 19931006; US 62457996 A 19960403