

Title (en)

Apparatus for contactless guiding of a coated web

Title (de)

Vorrichtung zum berührungsfreien Führen eines beschichteten Materialbandes

Title (fr)

Dispositif pour le guidage sans contact d'une bande continue revêtue

Publication

EP 0528372 B1 19960124 (DE)

Application

EP 92113895 A 19920814

Priority

DE 4127602 A 19910821

Abstract (en)

[origin: EP0528372A1] A material band 1 coated with a liquid layer 2 runs through a dryer 13, in which guide elements 14 are arranged at a spacing from one another. The guide elements 14 have air-permeable or gas-permeable guide surfaces 9 facing the material band 1 and are acted upon with overpressure with air or gas via a common supply line 17 and inlet ducts 5 in each guide element. The guide air 10 or gas emerging from the guide surfaces forms an air or gas film of less than 1 mm thickness which guides the material band 1 in a troublefree manner and without any impairment of the blowing-sensitive liquid layer 2 and makes it slide over the guide elements 14.

IPC 1-7

F26B 13/10; **F26B 21/00**

IPC 8 full level

B65H 20/10 (2006.01); **B65H 23/24** (2006.01); **F26B 13/10** (2006.01); **F26B 13/20** (2006.01); **F26B 21/00** (2006.01)

CPC (source: EP US)

F26B 13/104 (2013.01 - EP US); **F26B 21/004** (2013.01 - EP US)

Cited by

US5830275A; DE29508421U1; DE102017128397A1; WO2009017630A3; EP3069093A1

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