

Title (en)

Device for preheating a material web with spatial resolution

Title (de)

Vorrichtung zur Vorwärmung einer Materialbahn mit hoher räumlicher Auflösung

Title (fr)

Dispositif pour le prechauffage avec resolution spatiale d'une bande de matiere

Publication

EP 0957328 A3 20000607 (FR)

Application

EP 99108997 A 19990506

Priority

DE 19821222 A 19980512

Abstract (en)

[origin: EP0957328A2] The preheater for an advancing strip of material made from smooth and/or corrugated layers is designed to heat the strip before applying adhesive and attaching another layer. It uses a heating element (14) which has a series of preheating sections (50, 50', 50, 50') which lie adjacent to one another across the strip of material, each being filled individually by a heat-carrying fluid, preferably steam. The heating element has a thrust face with convex curvature, preferably in an arc with radius 500 mm, and has supporting and covering plates (18, 20), the latter enclosing the cavities filled with the heat carrying fluid.

IPC 1-7

F28F 5/02; **F28D 11/02**; **B31F 1/28**

IPC 8 full level

B31F 1/28 (2006.01); **F28D 11/02** (2006.01); **F28F 5/02** (2006.01)

CPC (source: EP US)

B31F 1/285 (2013.01 - EP US); **F28D 11/02** (2013.01 - EP US); **F28F 5/02** (2013.01 - EP US)

Citation (search report)

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- [YA] DE 4416645 A1 19951116 - WET TEX MASCHINENBAU GMBH [DE]
- [A] FR 944436 A 19490405 - ESCHER WYSS & CIE CONST MEC

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CN108290366A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0957328 A2 19991117; **EP 0957328 A3 20000607**; DE 19821222 A1 19991118; US 6298895 B1 20011009

DOCDB simple family (application)

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