

Title (en)

Combined convective-radiative system for heat treatment of a web

Title (de)

Kombiniertes Konvektions-Strahlungssystem zur Wärmebehandlung einer kontinuierlichen Warenbahn

Title (fr)

Système convecto-radiatif pour traitement thermique d'une bande continue

Publication

**EP 0916915 A1 19990519 (FR)**

Application

**EP 98402768 A 19981106**

Priority

FR 9714321 A 19971114

Abstract (en)

The installation comprises an array of infrared elements (3) and blowers (2) arranged above a moving band (1) that is to be heated. The blowers are arranged between the infrared elements with an aspirator (4) on either side of the blower with the end of the aspirator extending into the proximity of the infrared element.

Abstract (fr)

Installation pour le traitement thermique d'une bande (1), se déplaçant en continu en regard d'éléments radiants infra-rouges (3) et d'éléments soufflants (2) de l'air sur cette bande (1). Cette installation comprend une succession d'éléments soufflants (2) séparés les uns des autres par au moins un élément radiant infra-rouge (3), chaque élément soufflant (2) comprenant de chaque côté un élément d'aspiration (4) s'étendant à proximité d'un élément radiant infra-rouge (3). <IMAGE>

IPC 1-7

**F26B 13/10**; **F26B 3/30**

IPC 8 full level

**C21D 1/34** (2006.01); **C21D 9/56** (2006.01); **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)

Citation (search report)

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