

Title (en)

Apparatus with hot air jets to wrap palletized products with a film of thermoretractible plastic material.

Title (de)

Vorrichtung mit Heissgasstrahlen zum Umwickeln von palettisierten Gegenständen mit einer heisschrumpfbaren Kunststoff-Folie.

Title (fr)

Dispositif avec des jets d'air chaud pour envelopper des produits palettisés avec une feuille de matière plastique thermorétractable.

Publication

EP 0595108 A1 19940504 (EN)

Application

EP 93116515 A 19931012

Priority

IT MI922463 A 19921028

Abstract (en)

Apparatus to apply a film wrapping of thermoretractible plastic material over a palletized load (C), comprising means to support a heat source, which surround the load and are vertically movable. Said means comprise slides (1-4) horizontally movable towards and away from the vertical surface of the load, on each of said slides there being mounted at least one feeling roller (2A), bearing onto the load surface, and a plurality of low-power heat sources, as electric hot air generators (G). Such generators are positioned under the roller, at a short distance from the thermoretractible film.
<IMAGE>

IPC 1-7

B65B 53/06

IPC 8 full level

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CPC (source: EP US)

B65B 53/066 (2013.01 - EP); **B65B 59/02** (2013.01 - EP US); **B65B 59/003** (2019.05 - EP US)

Citation (search report)

- [A] DE 3826358 A1 19891207 - MOELLERS MASCHF GMBH [DE]
- [A] GB 2046697 A 19801119 - LACHENMEIER KURT APS

Cited by

ITMI20101141A1; ITMI20112408A1; CN105253384A; WO2007048558A1; US7703263B2; DE202016102826U1

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