

Title (en)

Method and apparatus for packaging a load with a flexible heatshrinkable foil.

Title (de)

Verfahren und Vorrichtung zum Umhüllen einer Ladung mittels einer flexiblen heiss-schrumpfbaren Folie

Title (fr)

Procédé et dispositif d'emballage d'une charge par un film souple thermorétractable

Publication

**EP 1486420 A1 20041215 (FR)**

Application

**EP 04354022 A 20040602**

Priority

FR 0306828 A 20030606

Abstract (en)

The method involves raising vertically an open edge of an envelope (11) to pass an upper surface of a load (CH) by a cross flow air directed towards internal surface of the open edge. A film on an outer lateral surface of the envelope is heated by a hot air to assure thermo-retraction of the film on the load. The cross flow air is hot for assuring a preheating of an internal wall of an upper edge (14) of the envelope. An independent claim is also included for a load package device.

IPC 1-7

**B65B 53/06**

IPC 8 full level

**B65B 53/06** (2006.01)

CPC (source: EP)

**B65B 53/066** (2013.01)

Citation (applicant)

- EP 0933297 A1 19990804 - LACHENMEIER KURT APS [DK]
- EP 1147050 A1 20011024 - MSK VERPACKUNG SYST GMBH [DE]

Citation (search report)

- [A] US 5502947 A 19960402 - BIRKENFELD RICHARD [DE], et al
- [A] FR 2722473 A1 19960119 - NEWTEC INT [FR]
- [DA] WO 0044626 A1 20000803 - MSK VERPACKUNG SYST GMBH [DE], et al

Cited by

US7703263B2; WO2007048558A1

Designated contracting state (EPC)

ES FR HU IT

DOCDB simple family (publication)

**EP 1486420 A1 20041215; EP 1486420 B1 20070829**; ES 2293188 T3 20080316; FR 2855814 A1 20041210; FR 2855814 B1 20050819

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