

Title (en)

APPARATUS FOR THE FINAL HEAT TREATMENT OF A PACKAGING WITH A THERMOPLASTIC FILM

Title (de)

VORRICHTUNG ZUR ENDWÄRMEBEHANDLUNG EINER VERPACKUNG MIT EINER THERMOPLASTISCHEN FOLIE

Title (fr)

APPAREIL DE TRAITEMENT THERMIQUE FINAL D'UN EMBALLAGE AU MOYEN D'UN FILM THERMOPLASTIQUE

Publication

EP 1699702 A1 20060913 (EN)

Application

EP 04820458 A 20041202

Priority

- EP 2004053232 W 20041202
- IT BO20030759 A 20031218
- IT BO20040350 A 20040601

Abstract (en)

[origin: WO2005058705A1] At least the upper portion of the packaging film (2), which covers the tray and through which the product (102) is visible, is heated essentially through thermal conduction by any suitable means (3) which physically touches the outer surface of the said upper portion of the packaging film, so as to spread onto this latter, by physical contact, the minimum quantity of heat which is necessary to the heat shrinking of said surface, without substantial modification of the temperature of the inner atmosphere of the packaging. The means for effecting the thermal treatment consists preferably of a roller (3).

IPC 8 full level

B65B 53/06 (2006.01); **B65B 7/16** (2006.01); **B65B 51/20** (2006.01); **B65B 53/00** (2006.01); **B65B 53/02** (2006.01)

CPC (source: EP)

B65B 7/167 (2013.01); **B65B 51/20** (2013.01); **B65B 53/02** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005058705 A1 20050630; AT E371587 T1 20070915; DE 602004008671 D1 20071011; DE 602004008671 T2 20080717; EP 1699702 A1 20060913; EP 1699702 B1 20070829; ES 2291985 T3 20080301

DOCDB simple family (application)

EP 2004053232 W 20041202; AT 04820458 T 20041202; DE 602004008671 T 20041202; EP 04820458 A 20041202; ES 04820458 T 20041202