

Title (en)  
DEVICE AND METHOD FOR WRAPPING UNIT LOADS OR PACKAGED GOODS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM UMH ÜLLEN VON STÜCK- ODER PACKGUT

Title (fr)  
DISPOSITIF ET PROCEDE D'EMBALLAGE D'ARTICLES UNITAIRES OU DE LOTS

Publication  
**EP 1497176 A1 20050119 (DE)**

Application  
**EP 03727324 A 20030417**

Priority  

- DE 20206246 U 20020419
- DE 20206245 U 20020419
- EP 0304065 W 20030417

Abstract (en)  
[origin: EP1717148A1] The assembly for wrapping loads or packaged goods (3), with a hood of an elastic film (25), gathers the film into pleats (26) to be laid in place and drawn, to be pulled over the packaged goods. The pleated film is drawn by a mobile covering unit (1) which pulls it over the package, using four stretching fingers (2) which can move on a plane at right angles to the covering direction (5). Each finger has a curved film tensioner (4) in this plane, and a support (6) in the covering direction to take the pleated film over the corners of the package, and draw it down over the package.

IPC 1-7  
**B65B 9/13**

IPC 8 full level  
**B65B 9/15** (2006.01)

CPC (source: EP US)  
**B65B 9/15** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03089303 A1 20031030**; AT E372260 T1 20070915; AT E391673 T1 20080415; AU 2003233990 A1 20031103; CN 1325331 C 20070711; CN 1655987 A 20050817; DE 50308120 D1 20071018; DE 50309606 D1 20080521; DK 1497176 T3 20080325; DK 1717148 T3 20080804; EP 1497176 A1 20050119; EP 1497176 B1 20070905; EP 1497176 B9 20080109; EP 1717148 A1 20061102; EP 1717148 B1 20080409; MX PA04010192 A 20050307; PL 209348 B1 20110831; PL 371326 A1 20050613; US 2005115206 A1 20050602; US 2007151211 A1 20070705; US 7234289 B2 20070626

DOCDB simple family (application)  
**EP 0304065 W 20030417**; AT 03727324 T 20030417; AT 06016802 T 20030417; AU 2003233990 A 20030417; CN 03812059 A 20030417; DE 50308120 T 20030417; DE 50309606 T 20030417; DK 03727324 T 20030417; DK 06016802 T 20030417; EP 03727324 A 20030417; EP 06016802 A 20030417; MX PA04010192 A 20030417; PL 37132603 A 20030417; US 51192004 A 20041018; US 71738407 A 20070313