

Title (en)

Method and device for making and applying a flexible heat-shrinkable hood on palletized load

Title (de)

Verfahren und Vorrichtung zum Herstellen und Anbringen einer flexiblen heiss-schrumpfbaren Haube auf einer palletisierten Ladung

Title (fr)

Procédé et dispositif de mise en forme et de dépose d'une housse souple thermorétractable sur une charge palettisée

Publication

EP 1060988 B1 20051207 (FR)

Application

EP 00410053 A 20000522

Priority

FR 9907597 A 19990610

Abstract (en)

[origin: EP1060988A1] The device for forming and placing a thermo-retractable cover on a load (1) comprises a gripping robot (R). The robot comprises a motorized accumulator roller (9), on which is wound a part of the wrapping, held by a retaining clip (10). It also comprises an arm (8) for transferring the wrapping between a winding and cutting position and placing position of the cover on the palletized load. The transfer arm translates horizontally on a slide (30) which translates vertically along a fixed frame (7). The wrapping spacing mechanism is provided with four balancing beams (11) having rollers (12) for gripping the wrapping in the first position and opening it in the second position.

IPC 1-7

B65B 9/13

IPC 8 full level

B65B 9/13 (2006.01)

CPC (source: EP)

B65B 9/135 (2013.01)

Cited by

EP2336034A1; EP2719628A1; EP2377762A1; EP2921415A1; WO2012069712A1; EP2431280A3; ITMI20101715A1; FR2967648A1; CN103370260A; CN102180371A; RU2477248C2; EP1510460A1; ITMI20121690A1; CN105836176A; CN102358445A; AU2011201660B2; EP1574433A1; FR2867452A1; US7937910B2; WO2015140310A1; EP1331168A1; FR2835236A1; US10343798B2; EP2993134A1; EP2995565A1; US10273031B2; US11097865B2; US11649084B2; EP1419966A1; US9126703B2

Designated contracting state (EPC)

DE DK ES GB IT NL

DOCDB simple family (publication)

EP 1060988 A1 20001220; EP 1060988 B1 20051207; DE 60024523 D1 20060112; DE 60024523 T2 20060817; DK 1060988 T3 20060418; ES 2254122 T3 20060616; FR 2794720 A1 20001215; FR 2794720 B1 20010831

DOCDB simple family (application)

EP 00410053 A 20000522; DE 60024523 T 20000522; DK 00410053 T 20000522; ES 00410053 T 20000522; FR 9907597 A 19990610