

Title (en)

Device and method for packaging a charging unit with film

Title (de)

Vorrichtung und Verfahren zum Verpacken einer Ladungseinheit mit Folie

Title (fr)

Dispositif et procédé d'emballage d'une unité de chargement dotée d'une feuille

Publication

**EP 2251267 B1 20110629 (DE)**

Application

**EP 09006445 A 20090512**

Priority

EP 09006445 A 20090512

Abstract (en)

[origin: US2012096814A1] An apparatus for packaging a load with film, wherein at least a film supply is available, from which the film can be fed. The apparatus encompasses a first wrapping device by means of which a first vertical film curtain, is formed from the fed film and is attached to the vertical side walls of the load. The first wrapping device encompasses a folding device by means of which a film section of the film, which is fed from the film supply, can be folded such that, after wrapping the load with the first vertical film curtain, the film is attached to the vertical side walls in the lower region of the vertical side walls of the load in a double-layer manner according to the width of the folded film section. The apparatus further encompasses a second wrapping device by means of which a second vertical film curtain can be embodied from fed film. This second film curtain can be attached to the upper side, to two vertical side walls and to the underside of the load by means of the second wrapping device. To be published with FIG. 3.

IPC 8 full level

**B65B 9/02** (2006.01); **B65B 11/02** (2006.01); **B65B 11/10** (2006.01)

CPC (source: EP US)

**B65B 9/026** (2013.01 - EP US); **B65B 11/585** (2013.01 - EP US)

Cited by

CN104210684A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2012096814 A1 20120426; US 9003744 B2 20150414;** AT E514627 T1 20110715; BR PI1010793 A2 20160329; CN 102459003 A 20120516; CN 102459003 B 20130918; DE 202009008596 U1 20090924; DK 2251267 T3 20111024; EP 2251267 A1 20101117; EP 2251267 B1 20110629; ES 2368309 T3 20111116; MX 2011011935 A 20120127; RU 2011150184 A 20130620; RU 2494934 C2 20131010; WO 2010130552 A1 20101118

DOCDB simple family (application)

**US 201013320465 A 20100426;** AT 09006445 T 20090512; BR PI1010793 A 20100426; CN 201080027780 A 20100426; DE 202009008596 U 20090612; DK 09006445 T 20090512; EP 09006445 A 20090512; EP 2010055497 W 20100426; ES 09006445 T 20090512; MX 2011011935 A 20100426; RU 2011150184 A 20100426