

Title (en)

Bundle with carrying handle, method and device for producing such bundles

Title (de)

Gebinde mit Tragegriff, Verfahren und Vorrichtung zur Herstellung solcher Gebinde

Title (fr)

Gerbe dotée d'une poignée de transport, procédé et dispositif de fabrication de telles gerbes

Publication

EP 2589545 B1 20171129 (DE)

Application

EP 12189797 A 20121024

Priority

DE 102011054994 A 20111102

Abstract (en)

[origin: EP2589545A1] The packaging (10) has a carrying handle (12), which comprises two articles (14) partially enclosed and held together by a shrink film (20), sleeve or similar outer packaging (18). The carrying handle is fixed at the contact points (22) at the outer side of the articles, and partially coincides the contact points with recesses (24) in the outer packaging. The contact points are formed by adhesive joints between outer surface of the article and the carrying handle. The contact points are limited by the recesses. The contact points are partially extended into the outer packaging. Independent claims are included for the following: (1) a method for manufacturing packaging with a carrying handle; and (2) a device for manufacturing packaging with a carrying handle.

IPC 8 full level

B65D 71/08 (2006.01); **B65B 21/24** (2006.01); **B65B 61/14** (2006.01)

CPC (source: CN EP)

B65B 11/08 (2013.01 - EP); **B65B 21/245** (2013.01 - EP); **B65B 53/02** (2013.01 - EP); **B65B 61/14** (2013.01 - EP);
B65D 71/08 (2013.01 - CN EP); **B65D 71/28** (2013.01 - CN); **B65D 75/56** (2013.01 - EP); **B65D 2571/00493** (2013.01 - CN)

Cited by

DE102018126839A1; DE102018132942A1; DE102016217896A1; DE102017107356A1; WO2018050376A1; EP3858756A1; IT202000001825A1;
WO2016102581A1; WO2016116791A1; US11274235B2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2589545 A1 20130508; **EP 2589545 B1 20171129**; CN 103086070 A 20130508; CN 103086070 B 20150304; CN 104760761 A 20150708;
CN 104760761 B 20180626; DE 102011054994 A1 20130502; EP 3287389 A1 20180228; EP 3287389 B1 20200805; SI 2589545 T1 20180330

DOCDB simple family (application)

EP 12189797 A 20121024; CN 201210433521 A 20121102; CN 201510050428 A 20121102; DE 102011054994 A 20111102;
EP 17197027 A 20121024; SI 201231211 T 20121024