

Title (en)

DEVICE FOR PACKAGING PIECE GOOD COMBINATIONS WITH AN ADDITIONAL FITTING DEVICE

Title (de)

VORRICHTUNG ZUM VERPACKEN VON STÜCKGUTZUSAMMENSTELLUNGEN MIT ZUSÄTZLICHER AUSSTATTUNGSEINRICHTUNG

Title (fr)

DISPOSITIF D'EMBALLAGE D'ASSORTIMENTS DE MARCHANDISES DE DÉTAIL COMPRENANT UN DISPOSITIF DE GARNITURE SUPPLÉMENTAIRE

Publication

**EP 3442868 A1 20190220 (DE)**

Application

**EP 16823015 A 20161229**

Priority

- DE 102016106731 A 20160412
- EP 2016082838 W 20161229

Abstract (en)

[origin: WO2017178086A1] The invention relates to a device (1) for packaging piece good combinations (20) comprising a transport device (3) that transports a plurality of piece goods (10) in a predetermined transport direction (T), comprising a first wrapping device (2) that is designed and intended for wrapping the piece goods (10) with a film element (12), wherein this first wrapping device (2) has an application assembly (30) surrounding the piece goods (10), wherein the piece goods (10) can be supplied to the first wrapping device (2) in order to be wrapped with the film element (12), and comprising at least one separation device (4) which is arranged downstream of the first wrapping device (2) in the transport direction (T) of the piece goods (10), and which separates sections of a piece good flow (S) wrapped in the first film element (12) and/or which facilitates a separation process. According to the invention, the device has a fitting device (8) that provides the piece goods (10) with at least one fitting.

IPC 8 full level

**B65B 11/58** (2006.01); **B65B 11/00** (2006.01); **B65B 59/00** (2006.01); **B65B 59/02** (2006.01); **B65B 61/04** (2006.01); **B65B 61/06** (2006.01); **B65B 61/20** (2006.01); **B65B 61/26** (2006.01); **B65C 1/00** (2006.01); **B65C 9/40** (2006.01); **B65C 9/46** (2006.01)

CPC (source: EP US)

**B41J 3/4073** (2013.01 - EP US); **B65B 11/008** (2013.01 - EP US); **B65B 11/58** (2013.01 - EP US); **B65B 59/001** (2019.04 - EP US); **B65B 59/02** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B65B 61/20** (2013.01 - EP US); **B65B 61/202** (2013.01 - EP US); **B65B 61/26** (2013.01 - EP US); **B65C 1/00** (2013.01 - US); **B65B 2210/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2017178086A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2017178086 A1 20171019**; CN 109153461 A 20190104; DE 102016106731 A1 20171026; EP 3442868 A1 20190220; US 2019106230 A1 20190411

DOCDB simple family (application)

**EP 2016082838 W 20161229**; CN 201680084535 A 20161229; DE 102016106731 A 20160412; EP 16823015 A 20161229; US 201616086890 A 20161229