

Title (en)

APPARATUS AND METHOD OF FORMING AN OPEN BASE AT A BAG BODY

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSBILDEN EINER BODENÖFFNUNG AN EINEM SACKKÖRPER

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FORMER UN FOND OUVERT SUR UN CORPS DE SAC

Publication

EP 3148790 B1 20191023 (DE)

Application

EP 15731829 A 20150520

Priority

- AT 503582014 A 20140520
- AT 2015050129 W 20150520

Abstract (en)

[origin: WO2015176096A1] The invention relates to a device and to a method for forming a bottom opening (8) between bag segments (2', 2'') at the open end region (9) of a tubular bag body (2), comprising a transport apparatus (3) for transporting the bag body (2) in a transport direction (5) transverse to the longitudinal extent (6) of the bag body and comprising an opening apparatus (7) for forming the bottom opening (8) between the bag segments (2', 2'') at the open end region (9) of the tubular bag body (2), wherein the opening apparatus (7) has a pre-opening station (23), wherein the opening apparatus (7) has a spreading element (10) that can be rotated about an axis of rotation (11), wherein the pre-opening station (23) has a guiding element (24, 25) having a guiding surface (24', 25') for one of the bag segments (2', 2'') at the open end region (9) of the tubular bag body (2), which guiding surface is tilted from the transport direction (5), wherein the guiding surface (24', 25') is connected to a suctioning element (26) for suctioning the bag segment (2', 2'') onto the guiding surface (24', 25').

IPC 8 full level

B31B 70/00 (2017.01)

CPC (source: AT EP US)

B31B 70/00 (2017.08 - AT EP); **B31B 70/022** (2017.08 - AT EP US); **B31B 2160/20** (2017.08 - AT); **B31B 50/80** (2017.08 - EP); **B31B 70/003** (2017.08 - EP); **B31B 70/56** (2017.08 - EP); **B31B 2150/00** (2017.08 - AT EP); **B31B 2150/0014** (2017.08 - AT EP); **B31B 2150/003** (2017.08 - EP); **B31B 2160/10** (2017.08 - EP); **B31B 2160/20** (2017.08 - EP)

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)

WO 2015176096 A1 20151126; AT 515832 A1 20151215; AT 515832 B1 20160515; BR 112016026895 A2 20210706; BR 112016026895 B1 20210928; CN 106457733 A 20170222; CN 106457733 B 20190129; EP 3148790 A1 20170405; EP 3148790 B1 20191023

DOCDB simple family (application)

AT 2015050129 W 20150520; AT 503582014 A 20140520; BR 112016026895 A 20150520; CN 201580032860 A 20150520; EP 15731829 A 20150520