

Title (en)

Method and a device for the production of bags from tubular bag bodies

Title (de)

Verfahren und eine Vorrichtung zur Herstellung von Säcken aus schlauchförmigen Sackkörpern

Title (fr)

Procédé et dispositif de fabrication de sacs à partir de corps de sac tubulaires

Publication

**EP 3017940 B1 20170913 (DE)**

Application

**EP 14191600 A 20141104**

Priority

EP 14191600 A 20141104

Abstract (en)

[origin: WO2016071261A1] A device (1) for producing bags from tubular bag bodies (10) comprises a transport device (2) which transports the bag bodies in a flat manner transversely to the longitudinal extent (L) thereof in a transporting direction (T) at a transport rate (V). While being transported, the bag bodies pass through processing stations (30, 40, 50, 60, 70, 80) by way of which at least one end region (13) of each bag body is formed into a cross bottom and optionally a cover sheet (19) is applied to the cross bottom. A transfer device (4) moves the bag bodies (10) to be transported by the transport device at a transfer rate (U), with respect to bag bodies conveyed at a transport rate (V), by a feeding distance ( $\Delta y$ ) in the transporting direction (T) and then transfers them to the transport device (2). The feeding distance ( $\Delta y$ ) is selected such that successive bag bodies overlap one another, wherein the overlapping width preferably corresponds to once or twice the height (h) of the triangular corner fold (14) which is produced when the bottom side flaps (15, 16) are folded over.

IPC 8 full level

**B31B 70/00** (2017.01)

CPC (source: BR EP US)

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**B31B 2150/00** (2017.08 - BR EP); **B31B 2150/0014** (2017.08 - EP); **B31B 2150/003** (2017.08 - EP); **B31B 2160/10** (2017.08 - BR EP);  
**B31B 2160/20** (2017.08 - EP)

Citation (opposition)

Opponent : Windmüller & Hölscher KG

WO 2015032486 A1 20150312 - WINDMOELLER & HOELSCHER [DE]

Cited by

US11390051B2; EP3498624A1; RU2769355C2; US11524815B2; AT524968A1; AT524968B1; WO2019115105A1; WO2022175766A1

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