

Title (en)

DEVICE AND METHOD FOR PRODUCING AT LEAST ONE EMPTY OPEN BAG

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG WENIGSTENS EINES LEEREN OFFENEN SACKES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'AU MOINS UN SAC OUVERT VIDE

Publication

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Application

**EP 19748477 A 20190711**

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Abstract (en)

[origin: WO2020020651A1] The invention relates to a device (1) for producing an open bag (100) out of at least one layer of a substantially flexible bag material (101) and to a method for producing a bag using such a device (1). The device (1) comprises a molding device (2) with a molding box (3) with the contour of the bag to be molded, comprising an upper end (4) and a lower end (5), a transport device (6) for transporting the bag material (101) along the molding box (3), a closing device (7) for connecting the bag material (101) along the molding box in order to form a tube (102), and a closing station (8) for producing a bag base (103), said station being arranged below the lower end (5) of the molding box (3). Additionally, a negative pressure device (9) is provided which is suitable for and designed to temporarily generate a slight negative pressure at least on the lower end (5) of the molding box (3). During the production of a bag, the bag material, in the form of a continuous material, is placed about the molding box with the contour of the bag to be molded and is connected by means of the closing device in order to form a tube. The closing station is used to produce a bag base, wherein during the production of the bag base of a subsequent bag, a slight negative pressure is temporarily generated in the tube made of the bag material using the negative pressure device.

IPC 8 full level

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