

Title (en)
DEVICE AND METHOD FOR PRODUCING BAGS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON SÄCKEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE PRODUCTION DE SACS

Publication
EP 2282887 B1 20170510 (DE)

Application
EP 09727259 A 20090330

Priority
• EP 2009053741 W 20090330
• DE 102008017445 A 20080403

Abstract (en)
[origin: WO2009121837A1] The invention relates to a device for producing bags (1) from pieces (13) of tubing which can be transported in a transport direction (x) transversally to the longitudinal direction of the pieces of tubing by means of the device (1). The pieces (13) of tubing preferably comprise a fabric consisting of stretched plastic strips (2) and consist of two layers of material arranged one above the other. The device comprises the following components: at least one element (8) for opening an end (13) of a piece of tubing, by which means part of the end of the piece of tubing can be folded back onto a wall of the piece of tubing in order to open the end, such that said opened end can be attached to a bottom; and at least one pressure means for pressing at least parts of the opened end against a counter-layer in order to form fold edges. At least one transport means (30) is used to transport the piece of tubing in the direction of transport (x) once an end of said piece of tubing has been opened and before the action of the pressure means.

IPC 8 full level
B31B 50/76 (2017.01); **B31B 70/00** (2017.01); **B31B 70/04** (2017.01)

CPC (source: BR EP US)
B31B 70/00 (2017.07 - BR EP); **B31B 70/003** (2017.07 - BR EP US); **B31B 2150/00** (2017.07 - BR EP); **B31B 2150/0014** (2017.07 - BR EP); **B31B 2160/10** (2017.07 - BR EP US); **B31B 2160/20** (2017.07 - BR EP)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2009121837 A1 20091008; BR PI0910906 A2 20150929; BR PI0910906 B1 20200204; CN 101983124 A 20110302; CN 101983124 B 20160817; DE 102008017445 A1 20091015; EP 2282887 A1 20110216; EP 2282887 B1 20170510; ES 2632741 T3 20170915; HU E035090 T2 20180502; JP 2011516305 A 20110526; JP 6150416 B2 20170621

DOCDB simple family (application)
EP 2009053741 W 20090330; BR PI0910906 A 20090330; CN 200980111908 A 20090330; DE 102008017445 A 20080403; EP 09727259 A 20090330; ES 09727259 T 20090330; HU E09727259 A 20090330; JP 2011502363 A 20090330