

Title (en)
APPARATUS AND METHOD FOR PRODUCING SACKS WHICH COMPRISE WOVEN FABRICS MADE FROM STRETCHED SMALL PLASTIC TAPES

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON SÄCKEN, WELCHE GEWEBE AUS GERECKTEN KUNSTSTOFFBÄNDCHEN UMFASSEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION DE SACS QUI COMPRENNENT UN TISSU EN BANDELETTES ÉTIRÉES DE MATIÈRE SYNTHÉTIQUE

Publication
EP 2288492 B1 20170301 (DE)

Application
EP 09727833 A 20090330

Priority
• EP 2009053747 W 20090330
• DE 102008017442 A 20080403

Abstract (en)
[origin: DE102008017442A1] The device (1) has a transport equipment for transporting tube pieces in a transportation direction (X), and running transverse to an extending direction (Z). The tube pieces are conveyed in a horizontal position, and an opening mechanism is provided for opening an end of one of the tube pieces to form bottoms. The opening mechanism includes a material layer separating and folding unit for separating and folding material layers, which are foldable away from each other around 90 degrees, so that the opened bottom lies in a plane of the tube pieces. An independent claim is also included for a method for manufacturing a bag from tube pieces.

IPC 8 full level
B31B 50/80 (2017.01); **B31B 50/76** (2017.01); **B31B 70/00** (2017.01); **B31B 160/20** (2017.01)

CPC (source: AT BR EP US)
B31B 70/00 (2017.07 - AT BR EP US); **B31B 2155/00** (2017.07 - AT); **B31B 2160/20** (2017.07 - AT); **B31B 70/003** (2017.07 - BR EP); **B31B 2150/00** (2017.07 - BR EP); **B31B 2150/0014** (2017.07 - BR EP); **B31B 2155/00** (2017.07 - BR EP); **B31B 2155/003** (2017.07 - BR EP); **B31B 2160/10** (2017.07 - BR EP); **B31B 2160/20** (2017.07 - BR EP)

Citation (examination)
DE 19540150 A1 19970430 - WINDMOELLER & HOELSCHER [DE]

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)
DE 102008017442 A1 20091008; **DE 102008017442 B4 20130117**; AT 506551 A2 20091015; AT 506551 A3 20150615; AT 506551 B1 20160615; BR PI0911265 A2 20150929; BR PI0911265 B1 20200204; CN 102006991 A 20110406; CN 102006991 B 20130619; EP 2288492 A1 20110302; EP 2288492 B1 20170301; ES 2626121 T3 20170724; JP 2011516306 A 20110526; JP 5743884 B2 20150701; WO 2009121842 A1 20091008; WO 2009121842 A8 20101209

DOCDB simple family (application)
DE 102008017442 A 20080403; AT 2182009 A 20090210; BR PI0911265 A 20090330; CN 200980111907 A 20090330; EP 09727833 A 20090330; EP 2009053747 W 20090330; ES 09727833 T 20090330; JP 2011502365 A 20090330