

Title (en)
HORIZONTAL FLEXIBLE CONTAINER FORMING AND FILLING MACHINE AND METHOD FOR CONTROLLING A CUTTING DEVICE OF SAID MACHINE

Title (de)
Maschine zum Formen und Befüllen horizontaler flexibler Behälter und Verfahren zur Steuerung einer Schneidevorrichtung der besagten Maschine

Title (fr)
Formage de récipients flexibles horizontaux, machine de remplissage et procédé de commande d'un dispositif de coupe de ladite machine

Publication
EP 2730401 A2 20140514 (EN)

Application
EP 13380035 A 20130905

Priority
ES 201231714 A 20121109

Abstract (en)
The machine comprises a conveyor device moving a continuous band of preformed containers (BP) step by step in a forward movement direction (D), a cutting device (2) with cutting blades (3a, 3b) operated for cutting the continuous band of preformed containers (BP) transversely in sites related with transverse welding lines (ST) of the continuous band of preformed containers (BP), and an automatic cutting correction device comprising detection means (4) arranged for detecting a plurality of successive detectable elements (21) in the continuous band of preformed containers (BP), and an actuator (5) operatively connected for moving and positioning the cutting device (2) along guide means parallel to the forward movement direction (D) in response to a positioning signal generated from a detection signal emitted by said detection means (4).

IPC 8 full level
B31B 50/16 (2017.01); **B65B 5/02** (2006.01)

CPC (source: EP ES)
B26D 1/305 (2013.01 - EP); **B26D 5/20** (2013.01 - EP); **B31B 50/16** (2017.07 - ES); **B65B 5/02** (2013.01 - ES); **B65B 5/022** (2013.01 - EP); **B65B 57/02** (2013.01 - EP); **B65B 61/06** (2013.01 - EP ES); **B31B 70/006** (2017.07 - EP); **B31B 70/10** (2017.07 - EP); **B31B 70/16** (2017.07 - EP)

Citation (applicant)
ES 2369459 A1 20111201 - MESPAC S L [ES]

Cited by
EP3597419A1; EP3395558A1; US11135800B2; WO2018197085A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2730401 A2 20140514; EP 2730401 A3 20140709; ES 2460467 A2 20140513; ES 2460467 B1 20150630; ES 2460467 R1 20140919

DOCDB simple family (application)
EP 13380035 A 20130905; ES 201231714 A 20121109