

Title (en)

METHOD FOR PRODUCING A DEVICE FOR STORING SOLIDS, LIQUIDS AND/OR GASES, ESPECIALLY A CONTAINER FOR STORING FOOD, AND DEVICE FOR CARRYING OUT A PRODUCTION METHOD OF THIS TYPE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER EINRICHTUNG ZUM AUFBEWAHREN VON FESTSTOFFEN, FLÜSSIGKEITEN UND/ODER GASSEN, INSbesondere EINES BEHÄLTERS ZUM AUFBEWAHREN VON LEBENSMITTELN, UND VORRICHTUNG ZUM AUSFÜHREN EINES SOLCHEN HERSTELLVERFAHRENS

Title (fr)

PROCEDE DE FABRICATION D'UN DISPOSITIF PERMETTANT DE CONSERVER DES MATIERES SOLIDES, DES LIQUIDES ET/OU DES GAZ, NOTAMMENT D'UN RECIPIENT PERMETTANT DE CONSERVER DES PRODUITS ALIMENTAIRES, ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE UN TEL PROCEDE DE FABRICATION

Publication

EP 1181115 B1 20021113 (DE)

Application

EP 00936755 A 20000519

Priority

- DE 19924808 A 19990529
- EP 0004526 W 20000519

Abstract (en)

[origin: WO0072991A1] The invention relates to a method for producing a device for storing solids, liquids and/or gases, especially a container (1) for storing food. According to said method, a strip (10) is deformed in a spiral shape, whereby a lateral surface (2) of the device is formed. The longitudinal edges (24, 26) of the strip (10) are bent along a bending line so as to form an edge and the adjacent longitudinal edges (24, 26) are interconnected. The inventive method is characterised in that a recess (16) is made in the strip (10) along the bending line before it is bent to form the edge. The invention also relates to a device for carrying out this method, comprising a bending station followed by a connecting station (46). The device is characterised in that a recess (16) can be made in the strip (10) at the bending station (38), along the bending line, using a machining tool (12, 14) that is located in front of the bending tool (42a, 42b) for forming the edge.

IPC 1-7

B21C 37/12

IPC 8 full level

B65D 88/06 (2006.01); **B21C 37/12** (2006.01); **B21D 5/08** (2006.01); **B21D 39/02** (2006.01); **B21D 51/18** (2006.01); **B21D 51/26** (2006.01); **B21D 51/30** (2006.01); **B23K 9/00** (2006.01); **B23K 9/02** (2006.01); **B65D 88/08** (2006.01); **B65D 90/08** (2006.01); **E04H 7/06** (2006.01); **B23K 101/12** (2006.01)

CPC (source: EP)

B21C 37/12 (2013.01); **B21D 51/18** (2013.01); **B65D 88/08** (2013.01); **B65D 90/08** (2013.01); **E04H 7/06** (2013.01)

Cited by

DE102012018935A1; EP3189907A1; DE102020006041A1; DE102012022194A1; EP3189908A1; EP3189906A1; EP3456660A1; WO2020177791A1; DE102015004281A1; EP3078790A1; DE202015009070U1; US10246211B2; WO202228878A1; EP4215355A1; DE102022101389A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0072991 A1 20001207; AT E227616 T1 20021115; DE 19924808 A1 20001221; DE 20009149 U1 20000914; DE 50000762 D1 20021219; EP 1181115 A1 20020227; EP 1181115 B1 20021113; JP 2003500217 A 20030107

DOCDB simple family (application)

EP 0004526 W 20000519; AT 00936755 T 20000519; DE 19924808 A 19990529; DE 20009149 U 20000520; DE 50000762 T 20000519; EP 00936755 A 20000519; JP 2000621092 A 20000519