Title (en)

METHOD FOR MANUFACTURING CAN LID, CAN LID, AND CAN BODY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES DOSENDECKELS, DOSENDECKEL SOWIE DOSENKÖRPER

Title (fr)

PROCÉDÉ PERMETTANT DE FABRIQUER UN COUVERCLE DE BIDON, COUVERCLE DE BIDON ET CORPS DE BIDON

Publication

EP 2977121 A4 20161102 (EN)

Application

EP 14768203 A 20140304

Priority

- JP 2013060180 A 20130322
- JP 2014055474 W 20140304

Abstract (en)

[origin: US2015360806A1] In the elongation processing shown in A, the height of the panel (11) is maintained by supporting the panel (11) from the bottom side, the curled portion (13) is held from the top side and the bottom side, and the movement of the curled portion (13) is restricted in both of the upper direction and the lateral direction. In the elongation processing, external force is applied to the bottom part of the annular groove (12) in the downward direction in this state, and the bottom part of the annular groove (12) is pressed down. Accordingly, the panel (11) is pulled toward the outer direction in the diameter direction of the panel (11), and the tension is generated in the panel (11) as shown by the black arrow, which is intended to reduce distortion of a can lid while reducing formation of shapes in the can lid.

IPC 8 full level

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CPC (source: EP US)

B21D 51/44 (2013.01 - EP US); **B65D 1/12** (2013.01 - US); **B65D 17/401** (2017.12 - US); **B65D 17/4012** (2017.12 - EP US); B65D 2517/0014 (2013.01 - EP US); B65D 2517/0062 (2013.01 - EP US); B65D 2517/0079 (2013.01 - EP US)

Citation (search report)

- [X] US 5356256 A 19941018 - TURNER TIMOTHY L [US], et al
- See references of WO 2014148246A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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