

Title (en)

PLASTIC CLOSURE PART WITH SEVERABLE MEMBRANE

Title (de)

KUNSTSTOFFVERSCHLUSSTEIL MIT ABTRENNBARER MEMBRAN

Title (fr)

ÉLÉMENT DE FERMETURE EN MATIÈRE PLASTIQUE POURVU D'UNE MEMBRANE DÉTACHABLE

Publication

**EP 3710373 A1 20200923 (DE)**

Application

**EP 18804551 A 20181113**

Priority

- DE 102017126965 A 20171116
- EP 2018081095 W 20181113

Abstract (en)

[origin: WO2019096795A1] A plastic closure part (10) which can be fastened to a container or to a further closure part to be fastened to the container, having a tubular removal connection (3) of which the cross section is closed by a membrane (7) which has a tear line (8) which runs around over more than 180° along its outer edge, and a corresponding method for producing such a closure. In order to develop a closure part having the features stated at the outset and a method for producing same to the effect that the problems occurring due to narrow flow ducts in injection moulding can be eliminated, there is provision according to the invention that the tear line (8) is formed by a cut which is incorporated into the material of the membrane (7) by a cutting or punching tool.

IPC 8 full level

**B65D 51/00** (2006.01); **B29C 45/00** (2006.01); **B65D 47/10** (2006.01); **B67D 3/00** (2006.01)

CPC (source: EP US)

**B29C 45/0053** (2013.01 - US); **B29C 45/0055** (2013.01 - EP); **B65D 41/3428** (2013.01 - US); **B65D 41/46** (2013.01 - US); **B65D 41/50** (2013.01 - US); **B65D 47/10** (2013.01 - EP); **B65D 47/103** (2013.01 - US); **B65D 51/002** (2013.01 - EP); **B67D 3/0032** (2013.01 - EP); **B67D 3/0061** (2013.01 - EP); **B29C 2045/0027** (2013.01 - EP); **B29C 2793/0018** (2013.01 - EP US); **B29C 2793/0054** (2013.01 - EP US); **B29C 2793/009** (2013.01 - EP US); **B29L 2031/565** (2013.01 - US); **B65D 2231/022** (2013.01 - EP); **B65D 2547/06** (2013.01 - US)

Citation (search report)

See references of WO 2019096795A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102017126965 A1 20190516**; CN 111183099 A 20200519; EP 3710373 A1 20200923; US 11377271 B2 20220705; US 2020339312 A1 20201029; WO 2019096795 A1 20190523

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**DE 102017126965 A 20171116**; CN 201880065200 A 20181113; EP 18804551 A 20181113; EP 2018081095 W 20181113; US 201816764542 A 20181113