

Title (en)  
PLASTIC CLOSURE

Title (de)  
KUNSTSTOFFVERSCHLUSS

Title (fr)  
BOUCHON EN PLASTIQUE

Publication  
**EP 2574182 B1 20140226 (DE)**

Application  
**EP 11715903 A 20110413**

Priority  
• DE 102010028521 A 20100504  
• EP 2011055773 W 20110413

Abstract (en)  
[origin: WO2011138137A1] The invention relates to a plastic closure (1) having a bottom part (2) and a top part (3) in order to make a tubular bag (4) user-friendly and provide it with a secure closure. The bottom part (2) has a flange (20) on which a nozzle (21) is integrally formed. The nozzle has a cylindrical part (22), in the region of which a form-fit means (25) is attached to one side and an external thread (26) located above is attached to the other side. A tapering, arched, conical part (23) follows over the cylindrical part. The top part (3) consists of a retaining ring (30), which is connected to a cap (40) via a tightening strap (31). The retaining ring (30) comprises form-fit means (33) which engage with the form-fit means (25) on the cylindrical part (22) of the nozzle. The retaining ring (30) is thus held on the nozzle (21) in a rotatable but axially fixed manner. The cap (40) has an internal thread (48) which clamps with the external thread (26) of the nozzle (21).

IPC 8 full level  
**B65D 47/08** (2006.01); **B65D 55/16** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)  
**B65D 41/32** (2013.01 - US); **B65D 47/088** (2013.01 - EP US); **B65D 55/16** (2013.01 - EP US); **B65D 75/5877** (2013.01 - EP US);  
**B65D 2401/25** (2020.05 - EP US); **B65D 2575/586** (2013.01 - EP US)

Cited by  
US11485550B2

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

DOCDB simple family (publication)  
**DE 102010028521 A1 20111110**; EP 2574182 A1 20130403; EP 2574182 B1 20140226; US 2013136382 A1 20130530;  
WO 2011138137 A1 20111110

DOCDB simple family (application)  
**DE 102010028521 A 20100504**; EP 11715903 A 20110413; EP 2011055773 W 20110413; US 201113695940 A 20110413