

Title (en)
CONTAINER COVER WITH ROTATING CLOSURE

Title (de)
BEHÄLTERHÜLLE MIT ROTIERENDEM VERSCHLUSS

Title (fr)
ENVELOPPE DE RÉCIPIENT AVEC DISPOSITIF DE FERMETURE ROTATIF

Publication
EP 2739539 A1 20140611 (DE)

Application
EP 12725757 A 20120604

Priority
• DE 102011080209 A 20110801
• EP 2012060503 W 20120604

Abstract (en)
[origin: WO2013017316A1] The present invention discloses a container cover produced from a plastics film, having a rotating closure which has a rotatable cylindrical cutting device (100, 300), wherein the latter has a lower rim (110) on which at least one cutting edge section (120) is arranged, and wherein said at least one cutting edge section (120) has at least three teeth (130) which are located on a line extending in an inclined manner in relation to the bag, and wherein the front-most tooth in the direction of rotation comes first into contact with the plastics film during the cutting operation. The cutting device (100, 300) is characterized in that the inclination of the line on which the teeth (130) of each cutting edge section are located is selected such that, in the case of at least approximately maximum deformation of the plastics film before the latter is perforated by the front-most tooth, at least two following teeth of the same cutting edge section (120) are in direct contact with the plastics film.

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP RU US)
B65D 5/747 (2013.01 - EP US); **B65D 17/28** (2017.12 - EP US); **B65D 17/34** (2017.12 - EP RU US); **B65D 5/74** (2013.01 - RU)

Citation (search report)
See references of WO 2013017316A1

Cited by
US10676261B2; US11718457B2

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 102011080209 A1 20130207; BR 112014002162 A2 20170221; CN 103717501 A 20140409; CN 103717501 B 20161221;
EP 2739539 A1 20140611; EP 2739539 B1 20160224; RU 2619650 C1 20170517; US 2014151374 A1 20140605; US 9004305 B2 20150414;
WO 2013017316 A1 20130207

DOCDB simple family (application)
DE 102011080209 A 20110801; BR 112014002162 A 20120604; CN 201280038319 A 20120604; EP 12725757 A 20120604;
EP 2012060503 W 20120604; RU 2014107723 A 20120604; US 201214236889 A 20120604