

Title (en)
SEALING DEVICE FOR A CONTAINER FOR ASEPTICALLY RECEIVING A FLOWABLE PRODUCT AND CONTAINER AND METHOD FOR ASEPTIC FILLING

Title (de)
VERSCHLUSSEINRICHTUNG FÜR EINEN BEHÄLTER ZUR ASEPTISCHEN AUFNAHME EINES FLIESSFÄHIGEN PRODUKTS SOWIE BEHÄLTER UND VERFAHREN ZUM ASEPTISCHEN BEFÜLLEN

Title (fr)
DISPOSITIF DE FERMETURE D'UN RÉCIPIENT DE RÉCEPTION ASEPTIQUE D'UN PRODUIT FLUIDE, AINSI QUE RÉCIPIENT ET PROCÉDÉ DE REMPLISSAGE ASEPTIQUE

Publication
EP 3215423 B1 20181010 (DE)

Application
EP 15795125 A 20151030

Priority
• DE 102014116151 A 20141106
• EP 2015075227 W 20151030

Abstract (en)
[origin: WO2016071220A1] Disclosed is a sealing device (1) for a container (2) for aseptically receiving a flowable product, in particular for a pouch pack (2), said sealing device comprising a spout (3) and a sealing cap (5) which can be placed on the spout (3) and which seals when placed on the spout, wherein: the sealing cap (5) can be axially interlocked with the spout (3) in two axially different positions (I, II); the first position (I) of the two axially different positions (I, II) is a position in which the sealing cap (5) is not fully placed on the spout (3); and wherein the second position (II) of the two axially different positions (I, II) is a position in which the sealing cap (5) is fully placed on the spout (3). To optimise sterility during filling, the sealing cap (5) sealingly abuts the spout (3) in the first position (I) and in the second position (II). The invention further relates to a corresponding container (2) and to a corresponding method for aseptically filling a container (2).

IPC 8 full level
B65B 55/02 (2006.01); **B65D 41/04** (2006.01); **B65D 41/32** (2006.01); **B65D 41/34** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)
B65B 55/027 (2013.01 - EP US); **B65B 55/08** (2013.01 - EP US); **B65D 41/0414** (2013.01 - EP US); **B65D 41/325** (2013.01 - EP US); **B65D 41/3442** (2013.01 - US); **B65D 41/3447** (2013.01 - EP US); **B65D 47/122** (2013.01 - US); **B65D 75/5883** (2013.01 - EP US); **B67C 3/2642** (2013.01 - US); **B67C 7/0006** (2013.01 - US); **B67C 7/0073** (2013.01 - US); **B67C 2003/228** (2013.01 - US); **B67C 2003/2691** (2013.01 - US)

Cited by
US11518583B2

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 102014116151 B3 20160128; EP 3215423 A1 20170913; EP 3215423 B1 20181010; US 2018029758 A1 20180201; WO 2016071220 A1 20160512

DOCDB simple family (application)
DE 102014116151 A 20141106; EP 15795125 A 20151030; EP 2015075227 W 20151030; US 201515524814 A 20151030