

Title (en)

CONTAINER STOPPER HAVING SEPARATED ADDITIVE ACCOMMODATION TUBE

Title (de)

BEHÄLTERSTÖPSEL MIT SEPARATEM SCHLAUCH FÜR EINEN ZUSATZSTOFF

Title (fr)

BOUCHON DE RÉCIPIENT COMPRENANT UN TUBE DE LOGEMENT D'ADDITIF SÉPARÉ

Publication

EP 2657149 A2 20131030 (EN)

Application

EP 11851227 A 20111222

Priority

- KR 20100134408 A 20101224
- KR 2011009998 W 20111222

Abstract (en)

Disclosed is a container cap having a separated additive storage tube, which includes: a lower cap (100) which is coupled to a mouth (2) of a container (1) and which has a stopper (130) protruding upward from a bottom of an extension tube (120); a storage tube (200) which is sealing coupled to an edge of the stopper (130) and in which an additive is contained; and an upper cap (300) which is coupled with the storage tube (200) together with the lower cap (100). When the upper cap (300) is separated from the container (1), the stopper (130) and the storage tube (200) is uncoupled only by upward movement rather than rotation of the storage tube (200) so that the additive is discharged through a lower portion of the storage tube (200) and discharge holes.

IPC 8 full level

B65D 51/28 (2006.01); **B65D 25/08** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B65D 51/2892 (2013.01 - EP US)

Citation (search report)

See references of WO 2012087049A2

Cited by

WO2017065695A1

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)

US 2013240533 A1 20130919; AU 2011345507 A1 20131010; CA 2836746 A1 20120628; CN 103619721 A 20140305; CN 103619721 B 20150930; EP 2657149 A2 20131030; KR 101619552 B1 20160510; KR 20120072582 A 20120704; WO 2012087049 A2 20120628; WO 2012087049 A3 20121011; WO 2012087049 A9 20120823

DOCDB simple family (application)

US 201113261660 A 20111222; AU 2011345507 A 20111222; CA 2836746 A 20111222; CN 201180061608 A 20111222; EP 11851227 A 20111222; KR 20100134408 A 20101224; KR 2011009998 W 20111222