

Title (en)

CAP AND NUTRITIONAL SUPPLEMENT CONTAINER USING SAME

Title (de)

KAPPE UND BEHÄLTER FÜR NAHRUNGSERGÄNZUNG DAMIT

Title (fr)

CAPUCHON ET CONTENANT DE SUPPLÉMENT NUTRITIONNEL L'UTILISANT

Publication

EP 2438899 A1 20120411 (EN)

Application

EP 10783412 A 20100602

Priority

- JP 2010059374 W 20100602
- JP 2009135266 A 20090604

Abstract (en)

A cap (13) to be mounted to a mouth part of a main container unit of a nutritional supplement container (10) is provided for flowing out a liquid substance filled in the main container unit. The main container unit includes a thin film (16) that is attached to the mouth part so as to seal the interior of the main container unit. The cap can take a first mounted state and a second mounted state with respect to the mouth part. In the first mounted state, the mounted state of the cap with respect to the mouth part is held in a state where an end surface of a hollow nozzle (22) of the cap is located not in contact with the thin film or in contact with the thin film but not pressing the thin film. In the second mounted state, the mounted state of the cap with respect to the mouth part is held in a state where the thin film is broken by the hollow nozzle and the hollow nozzle is located inside the mouth part.

IPC 8 full level

A61J 1/05 (2006.01); **A61J 1/10** (2006.01); **A61J 1/14** (2006.01)

CPC (source: EP KR US)

A61J 1/12 (2013.01 - KR); **A61J 1/1475** (2013.01 - EP KR US); **A61J 15/0069** (2013.01 - KR); **B65D 41/0464** (2013.01 - KR);
B65D 51/222 (2013.01 - EP US); **A61J 1/10** (2013.01 - EP US); **A61J 1/14** (2013.01 - EP US); **A61J 9/005** (2013.01 - EP US);
A61J 15/00 (2013.01 - EP US); **A61J 15/0069** (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2438899 A1 20120411; EP 2438899 A4 20130213; CN 102458341 A 20120516; CN 102458341 B 20141029; CN 104367476 A 20150225;
CN 104367476 B 20170426; HK 1170657 A1 20130308; HK 1206586 A1 20160115; JP 5810913 B2 20151111; JP WO2010140630 A1 20121122;
KR 101775171 B1 20170905; KR 20120025549 A 20120315; SG 176671 A1 20120130; US 2012067459 A1 20120322;
WO 2010140630 A1 20101209

DOCDB simple family (application)

EP 10783412 A 20100602; CN 201080024387 A 20100602; CN 201410483902 A 20100602; HK 12111492 A 20121113;
HK 15107288 A 20150730; JP 2010059374 W 20100602; JP 2011518479 A 20100602; KR 20117030863 A 20100602;
SG 2011089786 A 20100602; US 201013375700 A 20100602