

Title (en)  
CAPSULE FOR SOLUBLE MIXTURE

Title (de)  
KAPSEL FÜR EINE LÖSLICHE MISCHUNG

Title (fr)  
CAPSULE POUR UNE MISTURE SOLUBLE

Publication  
**EP 3515840 B1 20221116 (EN)**

Application  
**EP 17772349 A 20170915**

Priority  
• IT 201600094474 A 20160920  
• EP 2017073342 W 20170915

Abstract (en)  
[origin: WO2018054789A1] A capsule for soluble mixture (6) is assigned to the production of fluid food or beverage. The capsule comprises a container (2) and a lid (10) peripherally bounded to an annular edge (12) of the container (2) and perforable for pouring a liquid into the container (2) in correspondence with the operating condition. The capsule (1) further comprises a tubular duct (20) having an inner end (22) placed into the container volume and an outer end (24) fixed to a base of the container (2), opposed to the lid (10), and debouching outside for providing the fluid food in correspondence with the operating condition. Said capsule, in an inactive condition preceding the operating condition, the inner end (22) of the duct (20) abuts with the lid (10) occluding the inner end (22) as to prevent the outflow of soluble mixture (6). Since the pressure of the liquid entered into the container (2) in the operating condition, the lid (10), made of a material at least partially flexible and/or deformable, moves away from that inner end (22) opening it and allowing the dispensing of the fluid food or beverage through the outer end (24).

IPC 8 full level  
**B65D 85/804** (2006.01)

CPC (source: EP US)  
**B65D 85/8043** (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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018054789 A1 20180329**; EP 3515840 A1 20190731; EP 3515840 B1 20221116; IT 201600094474 A1 20180320;  
US 2019202629 A1 20190704

DOCDB simple family (application)  
**EP 2017073342 W 20170915**; EP 17772349 A 20170915; IT 201600094474 A 20160920; US 201716334187 A 20170915