

Title (en)
A CAPSULE FOR FOOD PREPARATION

Title (de)
KAPSEL ZUR LEBENSMITTELHERSTELLUNG

Title (fr)
CAPSULE POUR LA PRÉPARATION D'UN PRODUIT ALIMENTAIRE

Publication
EP 2598416 A1 20130605 (EN)

Application
EP 11733887 A 20110720

Priority
• EP 10171012 A 20100728
• EP 2011062452 W 20110720
• EP 11733887 A 20110720

Abstract (en)
[origin: EP2412646A1] The present invention is directed to a capsule (1) for use with a food preparation machine, comprising rigid side walls (2) with peripheral upper edges (3), a top wall (4) extending from said upper edges, and a bottom wall (5), said walls defining a chamber (6) that contains an ingredient, said capsule being adapted for receiving a fluid injected through a needle (7) extending from a needle plate (8) of the machine, said needle plate being adapted to rest onto the upper edges when said capsule is adapted in a functional position into said machine, said fluid and said ingredient being mixed for the preparation of a food product, characterized in that said capsule comprises sealing means (9) disposed on said peripheral upper edges so that said means realize a liquid-tight seal between said capsule and said needle plate, at least at the time said capsule is adapted in a functional position into said food preparation machine.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP KR US)
A47J 31/06 (2013.01 - KR); **B65D 77/00** (2013.01 - KR); **B65D 85/804** (2013.01 - KR); **B65D 85/8064** (2020.05 - EP KR US);
A47J 31/3623 (2013.01 - EP US)

Citation (search report)
See references of WO 2012013556A1

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)
EP 2412646 A1 20120201; AR 082410 A1 20121205; AU 2011284942 A1 20130131; AU 2011284942 B2 20141218;
BR 112013001968 A2 20190924; CA 2806648 A1 20120202; CL 2013000234 A1 20130503; CN 103025627 A 20130403;
EP 2598416 A1 20130605; JP 2013533048 A 20130822; KR 20130095265 A 20130827; MX 2013001084 A 20130307;
RU 2013108948 A 20140910; SG 187067 A1 20130228; US 2013125762 A1 20130523; WO 2012013556 A1 20120202;
ZA 201301501 B 20140827

DOCDB simple family (application)
EP 10171012 A 20100728; AR P110102735 A 20110728; AU 2011284942 A 20110720; BR 112013001968 A 20110720;
CA 2806648 A 20110720; CL 2013000234 A 20130124; CN 201180036800 A 20110720; EP 11733887 A 20110720;
EP 2011062452 W 20110720; JP 2013521069 A 20110720; KR 20137004887 A 20110720; MX 2013001084 A 20110720;
RU 2013108948 A 20110720; SG 2013002852 A 20110720; US 201113812668 A 20110720; ZA 201301501 A 20130227