

Title (en)

CAPSULE, MEANS FOR PIERCING THE BASE OF A CAPSULE AND DEVICE FOR PREPARING A BEVERAGE

Title (de)

KAPSEL, MITTEL ZUM PENETRIEREN DES BODENS EINER KAPSEL UND VORRICHTUNG FÜR DIE ZUBEREITUNG EINES GETRÄNKES

Title (fr)

CAPSULE, MOYEN DE TRANSPERCEMENT DU FOND DE CAPSULE ET DISPOSITIF DE PRÉPARATION D'UNE BOISSON

Publication

EP 2102078 A2 20090923 (DE)

Application

EP 08701417 A 20080111

Priority

- EP 2008050271 W 20080111
- EP 07100520 A 20070115
- EP 08701417 A 20080111

Abstract (en)

[origin: US2010064899A1] A capsule, for example for brewing coffee, comprising a rotationally symmetrically formed capsule body having a side wall and having a base formed integrally therewith. The capsule is closed by a lid to form a sealed chamber for accommodating the substance contained in the capsule. The base and lid can be pierced in order that a liquid can be channelled through the capsule. The base is provided with an annular channel, of which the inner wall portion forms a stiffening zone. The base of the channel here forms a piercing zone which, as a result of the stiffening zone, can be pierced to better effect and without the capsule base as a whole being deformed.

IPC 8 full level

B65D 85/804 (2006.01); **A47J 31/06** (2006.01); **A47J 31/40** (2006.01)

CPC (source: EP KR US)

A47J 31/06 (2013.01 - KR); **A47J 31/3633** (2013.01 - EP US); **A47J 31/3638** (2013.01 - EP US); **A47J 31/40** (2013.01 - KR); **B65D 85/804** (2013.01 - KR); **B65D 85/8052** (2020.05 - EP KR US); **Y10T 83/9314** (2015.04 - EP US)

Citation (search report)

See references of WO 2008087099A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010064899 A1 20100318; **US 9248955 B2 20160202**; AT E474798 T1 20100815; AU 2008207022 A1 20080724; AU 2008207022 B2 20130829; BR PI0806569 A2 20140506; BR PI0806569 B1 20180403; CA 2674483 A1 20080724; CA 2674483 C 20150210; CN 101636333 A 20100127; CN 101636333 B 20110907; DE 502007004474 D1 20100902; EP 1944248 A1 20080716; EP 1944248 B1 20171213; EP 2102078 A2 20090923; ES 2661027 T3 20180327; JP 2010515556 A 20100513; JP 5205392 B2 20130605; KR 101519933 B1 20150513; KR 20090107058 A 20091012; MX 2009007587 A 20090722; PL 1944248 T3 20180530; PT 1944248 T 20180314; RU 2009131052 A 20110227; RU 2433077 C2 20111110; WO 2008087099 A2 20080724; WO 2008087099 A3 20090409

DOCDB simple family (application)

US 52312108 A 20080111; AT 07100520 T 20070115; AU 2008207022 A 20080111; BR PI0806569 A 20080111; CA 2674483 A 20080111; CN 200880002139 A 20080111; DE 502007004474 T 20070115; EP 07100520 A 20070115; EP 08701417 A 20080111; EP 2008050271 W 20080111; ES 07100520 T 20070115; JP 2009545893 A 20080111; KR 20097016819 A 20080111; MX 2009007587 A 20080111; PL 07100520 T 20070115; PT 07100520 T 20070115; RU 2009131052 A 20080111