

Title (en)

Capsule for beverage preparation with extraction under pressure

Title (de)

Packung zur Getränkezubereitung mit Extraktion unter Druck

Title (fr)

Cartouche fermée pour la confection d'une boisson, prévue pour être extraite sous pression

Publication

EP 1190959 A1 20020327 (FR)

Application

EP 00120936 A 20000926

Priority

EP 00120936 A 20000926

Abstract (en)

Cup-shaped cartridge for e.g. coffee-making machines, designed for extraction under pressure, has lid soldered over the circumference of the cup edge and designed to tear off under the sole effect of the pressure of the extraction fluid at the beginning of the extraction, and contains means ensuring that the solids are retained in the cup when it is open. Closed cartridge, designed for extraction under pressure, contains the substance used for preparation of beverage, selected from roasted ground coffee, tea, soluble coffee, mixed soluble/ground coffee, chocolate or any other dehydrated food grade substance of this kind, and comprises cup with bottom having central and peripheral part and lateral wall in shape of truncated cone, with circular edge of larger diameter than that of the bottom, and lid soldered over the circumference of the cup edge and designed to tear off under the sole effect of the pressure of the extraction fluid at the beginning of the extraction. The cartridge also comprises, inside the cup, at the level of its bottom, a means ensuring that the solid substance remains retained in the cup when it is open. The means for retaining solid substance in the cup comprise the sheet of cloth sealed to the bottom of the cup over two zones, in the central and peripheral parts of the bottom.

Abstract (fr)

La présente invention concerne une cartouche fermée (10), prévue pour être extraite sous pression, comprenant une coupelle (12) avec un fond (13) avec partie centrale et partie périphérique et une paroi latérale ayant sensiblement la forme d'un tronc de cône et un rebord circulaire de diamètre supérieure au fond et un opercule soudé (15) sur le pourtour du rebord de la coupelle et l'opercule est destiné à être déchiré sous le seul effet de la poussée du fluide d'extraction au début de l'extraction, ladite cartouche comprenant dans la coupelle au niveau du fond un moyen (16) garantissant la retenue de substance solide lorsqu'elle est ouverte, dans laquelle le moyen garantissant la retenue de substance solide est une feuille de tissu scellée dans le fond de la coupelle sur deux zones, d'une part dans la partie centrale (17) et d'autre part dans la partie périphérique (18) dudit fond (13). <IMAGE>

IPC 1-7

B65D 81/00

IPC 8 full level

B65D 77/00 (2006.01); **A47J 31/06** (2006.01); **B65D 81/00** (2006.01); **B65D 85/804** (2006.01)

CPC (source: EP KR US)

B65D 83/00 (2013.01 - KR); **B65D 85/8046** (2013.01 - EP KR US)

Citation (applicant)

EP 00113879 A 20000630

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1190959 A1 20020327; **EP 1190959 B1 20040331**; AR 030968 A1 20030903; AT E263086 T1 20040415; AU 2002223527 B2 20040401; AU 2352702 A 20020408; BR 0114162 A 20030729; BR 0114162 B1 20130716; CA 2422681 A1 20020404; CA 2422681 C 20090609; DE 60009495 D1 20040506; DE 60009495 T2 20040819; DK 1190959 T3 20040628; ES 2216791 T3 20041101; JP 2004509815 A 20040402; JP 4675024 B2 20110420; KR 100815103 B1 20080320; KR 20030069994 A 20030827; MX PA03002630 A 20030619; MY 128455 A 20070228; NO 20031358 D0 20030325; NO 20031358 L 20030325; NO 325336 B1 20080331; NZ 525110 A 20041029; PT 1190959 E 20040630; SI 1190959 T1 20040630; TW 510883 B 20021121; US 2003217643 A1 20031127; US 2007068395 A1 20070329; US 7153530 B2 20061226; US 7658141 B2 20100209; WO 0226588 A1 20020404; ZA 200303213 B 20040426

DOCDB simple family (application)

EP 00120936 A 20000926; AR P010104545 A 20010926; AT 00120936 T 20000926; AU 2002223527 A 20010906; AU 2352702 A 20010906; BR 0114162 A 20010906; CA 2422681 A 20010906; DE 60009495 T 20000926; DK 00120936 T 20000926; EP 0110344 W 20010906; ES 00120936 T 20000926; JP 2002530386 A 20010906; KR 20037004299 A 20030325; MX PA03002630 A 20010906; MY PI20013723 A 20010808; NO 20031358 A 20030325; NZ 52511001 A 20010906; PT 00120936 T 20000926; SI 200030344 T 20000926; TW 90119143 A 20010806; US 39655703 A 20030326; US 55920606 A 20061113; ZA 200303213 A 20030424