

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  
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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>

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CPC (source: EP KR US)  
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