

Title (en)
BEVERAGE PREPARATION CAPSULES

Title (de)
GETRÄNKEZUBEREITUNGSKAPSELN

Title (fr)
CAPSULES DE PRÉPARATION DE BOISSON

Publication
EP 3116803 B1 20180425 (EN)

Application
EP 15710561 A 20150310

Priority
• GB 201404290 A 20140311
• GB 201421494 A 20141203
• GB 2015050696 W 20150310

Abstract (en)
[origin: WO2015136267A1] A beverage preparation capsule (800) is provided comprising a hollow body suitable for containing a beverage preparation ingredient, the hollow body having a top end for receiving liquid into the hollow body, a bottom end for dispensing the beverage from the hollow body, and at least one side wall (813) between the top and bottom ends, the bottom end being in fluid communication with the top end; and the hollow body containing a filter material (830) having a variable porosity along at least one dimension of the filter material's surface area, wherein the filter material (830) is less porous closer to the top or inlet of the hollow body and more porous closer to the bottom or outlet of the hollow body, or wherein the filter material is less porous closer to the side wall of the hollow body and more porous closer the centre of the filter material, or a combination of both. The beverage preparation capsule may be used with a beverage preparation apparatus in a method of preparing a beverage, particularly ground coffee or leaf tea.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP US)
B65D 75/5883 (2013.01 - EP US); **B65D 77/2024** (2013.01 - US); **B65D 85/8061** (2020.05 - EP US)

Citation (opposition)
Opponent : Krüger GmbH & Co. KG,
• FR 2527173 A1 19831125 - MARS LTD [GB]
• EP 2100824 A1 20090916 - NESTEC SA [CH]
• EP 2487122 A1 20120815 - 2266170 ONTARIO INC [CA]
• US 2013243910 A1 20130919 - KRUEGER MARC [DE], et al
• EP 0179641 A2 19860430 - MARS G B LTD [GB]
• GB 2406305 A 20050330 - MARS INC [US]
• EP 0468079 A1 19920129 - NESTLE SA [CH]
• WO 0160219 A1 20010823 - KEURIG INC [US]
• WO 2011031294 A2 20110317 - GREEN MOUNTAIN COFFEE ROASTERS INC [US], et al
• WO 2005026018 A1 20050324 - KEURIG INC [US], et al
• US 5840189 A 19981124 - SYLVAN JOHN E [US], et al
• WO 2012080928 A1 20120621 - SARONG SPA [IT], et al
• JP H04142266 A 19920515 - APEX CORP
• WO 2013053757 A1 20130418 - K FEE SYSTEM GMBH [DE]
• EP 2730523 A1 20140514 - 2266170 ONTARIO INC [CA]

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2015136267 A1 20150917; CA 2938352 A1 20150917; CA 2938352 C 20220301; CA 2945686 A1 20150917; CN 106103310 A 20161109; CN 106103310 B 20181102; CN 106103311 A 20161109; CN 106103311 B 20171205; CN 109625640 A 20190416; EP 3116803 A1 20170118; EP 3116803 B1 20180425; EP 3116803 B2 20221012; EP 3116803 B9 20230125; EP 3116804 A1 20170118; EP 3116804 B1 20181226; JP 2017511710 A 20170427; JP 2017511711 A 20170427; JP 6676532 B2 20200408; US 2017081111 A1 20170323; US 2017101258 A1 20170413; WO 2015136268 A1 20150917

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