

Title (en)
CAPSULE FOR INSTANT DRINKS

Title (de)
KAPSEL FÜR SOFORTGETRÄNKE

Title (fr)
CAPSULE POUR BOISSONS INSTANTANÉES

Publication
EP 3138788 A1 20170308 (EN)

Application
EP 16382412 A 20160905

Priority
ES 201530985 U 20150903

Abstract (en)
It comprises: hollow body (2) with an upper area and a lower area; base (4), on the lower area of the body (2); drink preparation housed inside the body (2), designed to obtain a drink; and outlet (19) at the base (4), designed to allow for release of the drink. The drink preparation is in direct contact with the body (2), and the cartridge (1) further incorporates a filter (8), made of a synthetic polymer material, inside the body (2), on the base (4), in correspondence with the outlet (19). Unlike the small cellulose bags used in the prior art, since it is made of a synthetic polymer material, the filter (8) does not retain the particles that provide the drink with a pleasant flavour and aroma, which makes it possible to dispense with the small cellulose bag that interacts with said particles and retains them.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP US)
B65D 85/8052 (2020.05 - EP US)

Citation (search report)

- [XYI] WO 2014195307 A1 20141211 - ILLYCAFFE SPA [IT]
- [XYI] US 2014037803 A1 20140206 - HANSEN NICHOLAS ANDREW [GB]
- [XYI] US 2015175347 A1 20150625 - EMPL GUNTER [DE]
- [XYI] WO 03059778 A2 20030724 - NESTLE SA [CH], et al
- [XYI] US 2007148290 A1 20070628 - TERNITE RUDIGER [DE], et al
- [XYI] US 2009007793 A1 20090108 - GLUCKSMAN DOV Z [US], et al
- [Y] US 2007175335 A1 20070802 - LIVERANI FURIO S [IT], et al
- [XI] US 8573115 B2 20131105 - LAI KIN MAN [HK], et al

Cited by
IT201800002185A1; US11667420B2

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

Designated extension state (EPC)
BA ME

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