

Title (en)
SINGLE-SERVE CAPSULE

Title (de)
PORTIONENKAPSEL

Title (fr)
CAPSULE À USAGE UNIQUE

Publication
EP 4146566 A1 20230315 (DE)

Application
EP 21725087 A 20210506

Priority
• EP 20173758 A 20200508
• EP 2021062066 W 20210506

Abstract (en)
[origin: WO2021224422A1] According to one aspect of the present invention, the single-serve capsule (1) has one base element (2), for example a cup-like base element, having a capsule bottom (4) and a circumferential side wall (3). A lid element (8) is fastened on the base element (2) and together with same forms an interior (7) having an extraction material region which is filled with an extraction material. A filter element (11) is placed into the interior (7). Said filter element separates the extraction material region from the capsule bottom or from a capsule lid formed by the lid element. The filter element (11) is formed from an open-pored foam.

IPC 8 full level
B65D 85/804 (2006.01)

CPC (source: EP US)
B65D 85/8043 (2013.01 - EP US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3907156 A1 20211110; AU 2021267703 A1 20221215; BR 112022022504 A2 20221213; CN 115515867 A 20221223;
EP 4146566 A1 20230315; JP 2023524831 A 20230613; KR 20230037489 A 20230316; US 2023286731 A1 20230914;
WO 2021224422 A1 20211111; ZA 202212349 B 20240424

DOCDB simple family (application)
EP 20173758 A 20200508; AU 2021267703 A 20210506; BR 112022022504 A 20210506; CN 202180033923 A 20210506;
EP 2021062066 W 20210506; EP 21725087 A 20210506; JP 2022567693 A 20210506; KR 20227040650 A 20210506;
US 202117923391 A 20210506; ZA 202212349 A 20221111