

Title (en)
SINGLE SERVE CAPSULE FOR PREPARING A BEVERAGE WITH THE AID OF A BEVERAGE PREPARATION MACHINE, AND USE OF A SINGLE SERVE CAPSULE

Title (de)
PORTIONSKAPSEL ZUR ZUBEREITUNG EINES GETRÄNKES MIT HILFE EINER GETRÄNKEHERSTELLUNGSMASCHINE UND VERWENDUNG EINER PORTIONSKAPSEL

Title (fr)
CAPSULE SERVANT À PRÉPARER UNE BOISSON À L'AIDE D'UNE MACHINE DE PRÉPARATION DE BOISSONS ET UTILISATION D'UNE CAPSULE

Publication
EP 4377227 A1 20240605 (DE)

Application
EP 22761426 A 20220801

Priority

- US 202163227708 P 20210730
- DE 102021208859 A 20210812
- DE 102021208958 A 20210816
- EP 2022071506 W 20220801

Abstract (en)
[origin: WO2023007024A1] The invention relates to a single serve capsule (10) for preparing a beverage with the aid of a beverage preparation machine, wherein: the single serve capsule (10) has a base element (12) with a cavity (20) for receiving a beverage raw material, and a capsule cover (33) closing the cavity (20); the base element (12) comprises a capsule bottom (22), a peripheral flange (26), and a capsule wall (14) extending from the capsule bottom (22) to the peripheral flange (26); the capsule cover (33) is fastened to the flange (26); the single serve capsule (10) has a feature (34), which in particular is optically detectable by a detector of the beverage preparation machine; the flange (26) is at least partially optically transparent; and the optically detectable feature (34) is arranged in the region of the optically transparent flange (26).

IPC 8 full level
B65D 85/804 (2006.01)

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

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)
WO 2023007024 A1 20230202; AU 2022317290 A1 20240208; CA 3226644 A1 20230202; EP 4377227 A1 20240605

DOCDB simple family (application)
EP 2022071506 W 20220801; AU 2022317290 A 20220801; CA 3226644 A 20220801; EP 22761426 A 20220801