

Title (en)

CAPSULE FOR A NUTRITIONAL SUBSTANCE WITH ENHANCED FLOW DISTRIBUTION MEANS

Title (de)

KAPSEL FÜR EINE NÄHRSUBSTANZ MIT VERBESSERTEN STRÖMUNGSVERTEILUNGSMITTELN

Title (fr)

CAPSULE POUR SUBSTANCE NUTRITIONNELLE À MOYEN DE DISTRIBUTION À ÉCOULEMENT AMÉLIORÉ

Publication

**EP 4097024 A1 20221207 (EN)**

Application

**EP 20829383 A 20201217**

Priority

- PT 11607720 A 20200127
- PT 2020050054 W 20201217

Abstract (en)

[origin: WO2021154104A1] The present invention refers to a capsule (1) adapted for containing a nutritional substance in sealed and hygienic manner relative to oxygen and eventual pathogens, and to be used in a product preparation apparatus, where it can be impinged at an upstream location by an operating fluid so that this can flow inside and mix with the edible substance and the resulting product can be discharged through a downstream location, whereby said capsule (1) presents a lid part (2) and a container part (3) and further presents flow distribution means (21) adapted so that provide enhanced flow path distribution pattern and flow velocity profiles upstream of the edible substance.

IPC 8 full level

**B65D 85/804** (2006.01)

CPC (source: EP US)

**B65D 85/8043** (2013.01 - EP); **B65D 85/8049** (2020.05 - US); **B65D 85/8055** (2020.05 - US)

Citation (search report)

See references of WO 2021154104A1

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**PT 2020050054 W 20201217**; CN 202080094009 A 20201217; EP 20829383 A 20201217; US 202017793972 A 20201217