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(54) Title: MICROENCAPSULATION WALL MATERIAL, SUSPENSION CORE CAPSULE, EDIBLE CAPSULE WITH ELECTRONICS, METHODS AND A PRODUCTION SYSTEM FOR PRODUCING THE SAME

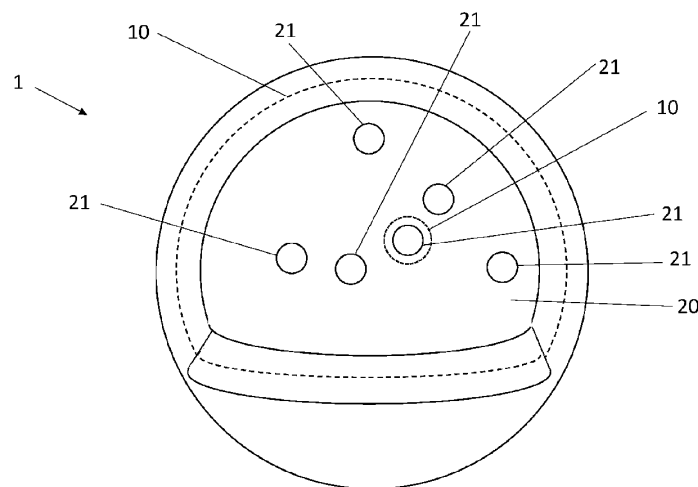


Fig. 1

(57) Abstract: Microencapsulation wall material of a microencapsulation product for food and beverage capsules, wherein the microencapsulation wall material comprises a hyper-polarizable hydrophilic polymer species and/or a hydrophobic polymer species, a first mixture, wherein the first mixture comprises at least one material out of the group of collagen, chitosan, silk fibroin, gelatin, alginate, modified starch and biopolymers, and a second mixture, wherein the second mixture comprises at least one material out of the group of lecithin, cyclodextrin and whey surfactant base mixture, wherein the first mixture and the second mixture form an emulsion, and edible capsule, comprising a wall comprising microencapsulation wall material and an electronic component included in the core.

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