

Title (en)

SINGLE-USE BIODEGRADABLES CLOSED CAPSULES CONTAINING A SUBSTANCE IN POWDER FORM

Title (de)

GESCHLOSSENE KAPSELN ZUR EINMALIGEN VERWENDUNG ENTHALTEND EINE SUBSTANZ IN PULVERFORM

Title (fr)

CAPSULES FERMEES BIODEGRADABLES A USAGE UNIQUE CONTENANT UNE SUBSTANCE SOUS FORME DE POUDRE

Publication

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Application

EP 21723267 A 20210505

Priority

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- EP 2021061904 W 20210505

Abstract (en)

[origin: WO2021224348A1] The present invention relates to a capsule (1) in the form of an individual portion, designed to be extracted under pressure, containing at least one edible substance (2) in soluble powder form, constituted by two identical circular, oval or polygonal sheets (3, 3'), leaving a space for the edible substance, and welded at their periphery in order to obtain a capsule that is substantially symmetrical relative to its welding plane, the capsule being characterised in that each sheet (3, 3') is constituted by at least two biodegradable layers (4, 4'): (i) a first layer (4) is a film chosen from a film made from cellulose, polylactic acid polymer, polyhydroxyalcanoate polymer, poly(butylene succinate) polymer or paper, and (ii) a second layer (4') chosen from nonwovens made from a biodegradable material or woven filters made from a biodegradable material.

IPC 8 full level

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CPC (source: EP)

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