

Title (en)  
ORAL CARE ARTICLE COMPRISING A WATER INSOLUBLE DELIVERY CARRIER AND SOLID HYDROPHILIC PARTICLES COMPRISING AN ORAL CARE ACTIVE AGENT

Title (de)  
MUNDPFLEGEARTIKEL MIT EINEM WASSERUNLÖSLICHEN ABGABETRÄGER UND FESTEN HYDROPHILEN TEILCHEN MIT EINEM MUNDPFLEGEWIRKSTOFF

Title (fr)  
ARTICLE DE SOIN BUCCAL COMPRENANT UN SUPPORT D'ADMINISTRATION INSOLUBLE DANS L'EAU ET DES PARTICULES HYDROPHILES SOLIDES COMPRENANT UN AGENT ACTIF DE SOIN BUCCAL

Publication  
**EP 4228585 A1 20230823 (EN)**

Application  
**EP 21782859 A 20210922**

Priority  

- US 202063093513 P 20201019
- US 202063093518 P 20201019
- US 202063093523 P 20201019
- US 202063093529 P 20201019
- US 202063093536 P 20201019
- EP 20206910 A 20201111
- US 2021051395 W 20210922

Abstract (en)  
[origin: WO2022086663A1] An article in form of a strip for use in the oral cavity. The article includes a water insoluble delivery carrier comprising solid hydrophilic particles comprising at least one active agent for oral care, wherein: (i) at least about 20 parts by weight of the solid hydrophilic particles (20) dissolve in about 100 parts by weight of water, and/or (ii) wherein the solid hydrophilic particles (20) swell by at least about 50% in water. The active agent(s) can include bleaching agent(s), antimicrobial agent(s), anti-calculus agent(s), healing agent(s), anti-caries agent(s), dentinal desensitizing agent(s), anesthetic agent(s), antifungal agent(s), coolant(s), anti-inflammatory agent(s), selective H-2 antagonist(s), nutrient(s), erythritol, probiotics, fluoride ion source(s), or combinations thereof.

IPC 8 full level  
**A61K 8/02** (2006.01); **A61K 8/11** (2006.01); **A61K 8/22** (2006.01); **A61Q 11/00** (2006.01)

CPC (source: EP)  
**A61K 8/02** (2013.01); **A61K 8/11** (2013.01); **A61K 8/22** (2013.01); **A61Q 11/00** (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 2022086663 A1 20220428**; AU 2021364566 A1 20230525; AU 2021364566 A9 20240523; CA 3194943 A1 20220428; CN 116437891 A 20230714; EP 4228585 A1 20230823; JP 2023545798 A 20231031; MX 2023004447 A 20230508

DOCDB simple family (application)  
**US 2021051395 W 20210922**; AU 2021364566 A 20210922; CA 3194943 A 20210922; CN 202180071212 A 20210922; EP 21782859 A 20210922; JP 2023521960 A 20210922; MX 2023004447 A 20210922