

Title (en)

FLAVONOID DERIVATIVE FOR TREATING DENTAL CARIES

Title (de)

FLAVONOIDDERIVAT ZUR BEHANDLUNG VON ZAHNKARIES

Title (fr)

DÉRIVÉ DE FLAVONOÏDE POUR TRAITER DES CARIES DENTAIRES

Publication

EP 4017585 A1 20220629 (DE)

Application

EP 20764590 A 20200820

Priority

- DE 102019122569 A 20190822
- EP 2020073348 W 20200820

Abstract (en)

[origin: WO2021032844A1] The invention relates to a flavonoid derivative containing a flavonoid that is coupled to an alkylene group via an ether bond, said alkylene group having an adhesion group for adhesion onto a dental surface. The flavonoid derivative has a long-term suppressing effect on the dental disease-causing formation of biofilm on the dental surfaces treated with the flavonoid derivative. The invention further relates to a kit for producing such a flavonoid derivative, and to the use of same.

IPC 8 full level

A61K 8/24 (2006.01); **A61K 31/665** (2006.01); **A61P 1/02** (2006.01); **A61Q 11/00** (2006.01); **C07F 9/655** (2006.01)

CPC (source: EP US)

A61K 8/55 (2013.01 - EP US); **A61K 9/0058** (2013.01 - EP US); **A61K 47/548** (2017.07 - EP US); **A61P 1/02** (2017.12 - EP); **A61Q 11/00** (2013.01 - EP US); **C07F 9/65522** (2013.01 - EP US)

Citation (search report)

See references of WO 2021032844A1

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

DOCDB simple family (publication)

WO 2021032844 A1 20210225; DE 102019122569 A1 20210225; EP 4017585 A1 20220629; US 2022281903 A1 20220908

DOCDB simple family (application)

EP 2020073348 W 20200820; DE 102019122569 A 20190822; EP 20764590 A 20200820; US 202017637029 A 20200820