

Title (en)
DEEP-LAYER REMINERALIZATION OF HYDROXYLAPATITE

Title (de)
TIEFENMINERALISATION VON HYDROXYLAPATIT

Title (fr)
REMINÉRALISATION DE L'HYDROXYLAPATITE DANS LA COUCHE PROFONDE

Publication
EP 4069185 A1 20221012 (DE)

Application
EP 20816517 A 20201204

Priority

- EP 19213949 A 20191205
- DE 102020001823 A 20200319
- EP 2020084748 W 20201204

Abstract (en)
[origin: CA3157098A1] The invention relates to the use of $\text{Ca}_5(\text{PO}_4)_3(\text{OH})$ (hydroxylapatite; HAP) and a $\text{Ca}_5(\text{PO}_4)_3(\text{OH})$ -containing dental care composition for deep-layer remineralization of demineralized teeth, in particular for deep-layer remineralization of demineralized dental enamel. The $\text{Ca}_5(\text{PO}_4)_3(\text{OH})$ used according to the invention and the dental care composition used according to the invention can be applied in the treatment and/or prevention of various dental diseases, in particular caries.

IPC 8 full level
A61K 8/24 (2006.01); **A61Q 11/00** (2006.01)

CPC (source: EP US)
A61K 8/24 (2013.01 - EP US); **A61P 1/02** (2017.12 - EP); **A61Q 11/00** (2013.01 - EP US); **C01B 25/32** (2013.01 - US); **A61K 2800/30** (2013.01 - EP); **C01P 2004/50** (2013.01 - US)

Citation (search report)
See references of WO 2021110978A1

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)
DE 102020001823 A1 20201022; CA 3157098 A1 20210610; EP 4069185 A1 20221012; US 2023027912 A1 20230126; WO 2021110978 A1 20210610

DOCDB simple family (application)
DE 102020001823 A 20200319; CA 3157098 A 20201204; EP 2020084748 W 20201204; EP 20816517 A 20201204; US 201917782566 A 20191204