

Title (en)
SELF-ADHESIVE FISSURE SEALANT

Title (de)
SELBSTADHÄSIVER FISSURENVERSIEGLER

Title (fr)
MATÉRIAU DE SCELLEMENT DE SILLONS AUTOADHÉSIF

Publication
EP 4312947 A1 20240207 (DE)

Application
EP 22720599 A 20220331

Priority
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Abstract (en)
[origin: WO2022207877A1] Disclosed is a self-adhesive, radiation-curable dental material comprising A) a monomer component with a difunctional urethane (meth)acrylate, hydrophilic alkylene oxide-based difunctional (meth)acrylate-based cross-linking agents, at least one acid monomer of an olefinic, acid monoester of a phosphoric acid and/or an olefinic, acid monoester of a thiophosphoric acid, optionally in combination with an olefinic carboxylic acid and /or olefinic carboxylic acid anhydride, and an initiator and/or an initiator system, in each case having an absorption peak of 420 to 550 nm, and optionally a co-initiator ; and optionally B) a filler component comprising at least one dental glass, wherein in particular A) the monomer component and B) the filler component are present in a mass ratio of a) from 100 : 0 to 60 : 40 in fissure sealants or b) from 59 : 41 to 20 : 80 in composite materials, and wherein the total composition of the fissure sealant or the composite material is 100 % by weight.

IPC 8 full level
A61K 6/887 (2020.01); **A61K 6/62** (2020.01); **A61K 6/71** (2020.01); **A61K 6/76** (2020.01); **A61K 6/77** (2020.01); **A61K 6/78** (2020.01)

CPC (source: EP US)
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C-Set (source: EP)
1. **A61K 6/887 + C08L 33/08**
2. **A61K 6/887 + C08L 33/10**

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BA ME

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KH MA MD TN

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