

Title (en)
PREDOMINANTLY PLATELET-SHAPED, SPARINGLY WATER-SOLUBLE CALCIUM SALTS AND/OR COMPOSITE MATERIALS THEREOF COMPRISING THEM

Title (de)
VORWIEGEND PLÄTTCHENFÖRMIGE SCHWER WASSERLÖSLICHE CALCIUMSALZE UND/ODER DEREN KOMPOSITMATERIALIEN, UMFASSEND DIESE

Title (fr)
SELS DE CALCIUM DE FORME ESSENTIELLEMENT PLATE DIFFICILEMENT SOLUBLES DANS L'EAU ET/OU MATERIAUX COMPOSITES LES COMPRENANT

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Abstract (en)
[origin: WO2007101458A1] The invention relates to sparingly water-soluble calcium salts and/or to composite materials comprising them, characterized in that the calcium salts are present in the form of single crystals or in the form of particles comprising a multitude of said crystals and having a mean particle diameter in the region of below 1000 nm, preferably below 300 nm, the calcium salt particles being predominantly platelet-like. The inventive calcium salts and/or composite materials comprising these calcium salts, owing to their composition and fine structure, are particularly suitable for promoting the restoration of bone and tooth material, especially enamel and dentine.

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