

Title (en)

PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF PERIODONTAL DISEASES

Title (de)

PHARMAZEUTISCHE ZUSAMMENSETZUNG ZUR BEHANDLUNG VON PARODONTALEN ERKRANKUNGEN

Title (fr)

COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DES MALADIES PARODONTALES

Publication

**EP 2349199 A2 20110803 (EN)**

Application

**EP 09737192 A 20090828**

Priority

- PL 2009050024 W 20090828
- PL 38597208 A 20080828

Abstract (en)

[origin: WO2010024702A2] A pharmaceutical composition for the treatment of periodontitis. A pharmaceutical composition according to the present invention is in the form of a gel with a selected viscosity. Its active ingredient is a base comprising a cysteine protease inhibitor from egg protein, urine, human or animal amniotic fluid, human or animal placenta as well as plants, with an activity of 1 - 50 inhibition units, suspended in 50 g of a polyhydroxyl alcohol and 50 g of a 0.05 molar phosphate buffer solution at a pH of 6.0 to 7.5, from 20 to 50 % by mass, whereas its carrier comprises gelling substances, from 7 to 20 % by mass, as well as water to 100% by mass. The gelling substances may be methylcellulose, hydroxypropylmethyl-cellulose, carboxymethylcellulose sodium salt, gelatin, apple-citrus pectin or a dextran. Preferentially, additives in the form of polyhydroxyl alcohols and Nipagin are used.

IPC 8 full level

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CPC (source: EP)

**A61K 9/0063** (2013.01); **A61K 38/56** (2013.01); **A61K 38/57** (2013.01); **A61P 1/02** (2017.12)

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