

Title (en)  
PROTEIN FORMULATION

Title (de)  
PROTEINFORMULIERUNG

Title (fr)  
NOUVELLE PREPARATION DE PROTEINE

Publication  
**EP 1830863 A2 20070912 (EN)**

Application  
**EP 05850811 A 20051212**

Priority  
• IB 2005004134 W 20051212  
• SE 0403014 A 20041210  
• US 63668604 P 20041216

Abstract (en)  
[origin: WO2006064381A2] The present invention relates to a new and improved low-concentration formulation of an active enamel substance, such as an enamel matrix, enamel matrix derivative and/or an enamel matrix protein, intended to be used as therapeutic, as prophylactic and/or as cosmetic agent. In the present invention, said active enamel substance is incorporated into a polymeric matrix, which is either suitable for cellular in-growth, or cell-occlusive. The active enamel substance can be incorporated into the polymeric matrix so that it is released by degradation of the polymeric matrix, by enzymatic action and/or by diffusion. Comprised in the invention is thus in particular a new pharmaceutical and/or cosmetic formulation of an active enamel substance at a lower total concentration within the formulation, wherein a spatial and/or selective regulation of release of said active enamel substance permits a greater percentage of the active enamel substance to be released at the time of appropriate cellular activity.

IPC 8 full level  
**A61K 35/32** (2006.01); **A61K 6/884** (2020.01); **A61K 38/39** (2006.01); **A61P 19/00** (2006.01); **A61Q 90/00** (2009.01)

IPC 8 main group level  
**A61K** (2006.01)

CPC (source: EP KR)  
**A61K 9/20** (2013.01 - KR); **A61K 35/32** (2013.01 - KR); **A61K 38/39** (2013.01 - EP); **A61P 1/02** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 19/04** (2017.12 - EP); **A61P 19/08** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/00** (2017.12 - EP)

Citation (search report)  
See references of WO 2006064381A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006064381 A2 20060622**; **WO 2006064381 A3 20060817**; AU 2005315253 A1 20060622; AU 2005315253 B2 20110721; CA 2589095 A1 20060622; CA 2589095 C 20120508; EP 1830863 A2 20070912; EP 2329832 A1 20110608; JP 2008523047 A 20080703; JP 2011219492 A 20111104; JP 5069125 B2 20121107; KR 101206345 B1 20121206; KR 20070111454 A 20071121

DOCDB simple family (application)  
**IB 2005004134 W 20051212**; AU 2005315253 A 20051212; CA 2589095 A 20051212; EP 05850811 A 20051212; EP 10185085 A 20051212; JP 2007545021 A 20051212; JP 2011150581 A 20110707; KR 20077015688 A 20051212