

Title (en)  
SURGICAL APPLICATIONS FOR BMP BINDING PROTEIN

Title (de)  
CHIRURGISCHE ANWENDUNGEN FÜR BMP-BINDENE PROTEINE

Title (fr)  
APPLICATIONS CHIRURGICALES POUR UNE PROTEINE DE LIAISON A BMP

Publication  
**EP 2115465 A4 20110810 (EN)**

Application  
**EP 07868028 A 20071226**

Priority  
• US 2007026315 W 20071226  
• US 87682106 P 20061222  
• US 98574507 A 20071116

Abstract (en)  
[origin: WO2008079400A2] The present invention relates to the clinical application of BBP, alone or in combination with other growth factors, for use in bone healing applications, such as spinal surgery. Additional applications include use in orthopedic implantable prostheses and implantation into other surgical sites (e.g., surgical reconstruction, regional osteopenia, etc.) where bone is desired.

IPC 8 full level  
**A61K 38/18** (2006.01); **A61K 38/10** (2006.01); **A61P 19/00** (2006.01); **C07K 14/51** (2006.01)

CPC (source: EP)  
**A61K 38/10** (2013.01); **A61K 38/1841** (2013.01); **A61K 38/1875** (2013.01); **A61P 1/02** (2017.12); **A61P 19/00** (2017.12); **A61P 19/02** (2017.12); **A61P 19/10** (2017.12); **A61P 43/00** (2017.12); **C07K 14/51** (2013.01)

Citation (search report)  
• [XII] EP 0409472 A1 19910123 - CHIRON CORP [US]  
• [I] WO 2006093545 A1 20060908 - UNIV CALIFORNIA [US], et al  
• [XI] WO 2005072403 A2 20050811 - UNIV CALIFORNIA [US], et al  
• [XI] BEHNAM K ET AL: "BMP binding peptide: a BMP-2 enhancing factor deduced from the sequence of native bovine bone morphogenetic protein/non-collagenous protein", JOURNAL OF ORTHOPAEDIC RESEARCH, JOHN WILEY & SONS, INC, NEEDHAM, MA, vol. 23, no. 1, 1 January 2005 (2005-01-01), pages 175 - 180, XP004686456, ISSN: 0736-0266, DOI: 10.1016/J.ORTHRES.2004.05.001  
• [XD] HU B ET AL: "ISOLATION AND MOLECULAR CLONING OF A NOVEL BONE PHOSPHOPROTEIN RELATED IN SEQUENCE TO THE CYSTATIN FAMILY OF THIOL PROTEASE INHIBITORS", JOURNAL OF BIOLOGICAL CHEMISTRY, THE AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, INC., BALTIMORE, MD, US, vol. 270, no. 1, 1 January 1995 (1995-01-01), pages 431 - 436, XP000872932, ISSN: 0021-9258, DOI: 10.1074/JBC.270.1.431  
• See references of WO 2008079400A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008079400 A2 20080703; WO 2008079400 A3 20080821**; AU 2007338627 A1 20080703; AU 2007338627 A2 20100128; AU 2007338627 B2 20130815; CA 2673600 A1 20080703; EP 2115465 A2 20091111; EP 2115465 A4 20110810; JP 2010513535 A 20100430; JP 5466017 B2 20140409

DOCDB simple family (application)  
**US 2007026315 W 20071226**; AU 2007338627 A 20071226; CA 2673600 A 20071226; EP 07868028 A 20071226; JP 2009542969 A 20071226