

Title (en)  
USE OF PROTEINS AND PEPTIDES OF THE TGF-BETA SUPERFAMILY FOR PURIFICATION AND THERAPEUTIC METHODS

Title (de)  
VERWENDUNG VON PROTEINEN UND PEPTIDEN DER TGF-BETA-SUPERFAMILIE FÜR REINIGUNG UND THERAPEUTISCHE VERFAHREN

Title (fr)  
UTILISATION DE PROTÉINES ET DE PEPTIDES DE LA SUPERFAMILLE TGF-BÊTA POUR DES PROCÉDÉS DE PURIFICATION ET DE THÉRAPIE

Publication  
**EP 2024386 A2 20090218 (EN)**

Application  
**EP 07777374 A 20070601**

Priority  
• US 2007013053 W 20070601  
• US 81079806 P 20060602

Abstract (en)  
[origin: WO2007143161A2] Members of the TGF-  $\beta$  superfamily and peptide fragments based on member proteins are employed to purify solutions containing member proteins or as therapeutics.

IPC 8 full level  
**A61K 38/18** (2006.01); **C07K 1/22** (2006.01); **C07K 14/495** (2006.01); **C07K 14/51** (2006.01); **C07K 17/02** (2006.01); **G01N 33/543** (2006.01)

CPC (source: EP)  
**C07K 1/22** (2013.01); **C07K 14/495** (2013.01); **C07K 14/51** (2013.01); **C07K 17/02** (2013.01); **G01N 33/6872** (2013.01); **G01N 2333/525** (2013.01)

Citation (search report)  
See references of WO 2007143161A2

Citation (examination)  
KIRSCH T ET AL: "Isolation of recombinant BMP receptor IA ectodomain and its 2:1 complex with BMP-2", FEBS LETTERS, ELSEVIER, AMSTERDAM, NL LNKD- DOI:10.1016/S0014-5793(00)01214-X, vol. 468, no. 2-3, 25 February 2000 (2000-02-25), pages 215 - 219, XP004261029, ISSN: 0014-5793

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007143161 A2 20071213**; **WO 2007143161 A3 20080529**; AU 2007254824 A1 20071213; BR PI0712496 A2 20120925; CA 2654181 A1 20071213; CN 101511859 A 20090819; EP 2024386 A2 20090218; EP 2377876 A1 20111019; JP 2009539767 A 20091119; MX 2008015263 A 20081217

DOCDB simple family (application)  
**US 2007013053 W 20070601**; AU 2007254824 A 20070601; BR PI0712496 A 20070601; CA 2654181 A 20070601; CN 200780027841 A 20070601; EP 07777374 A 20070601; EP 11162742 A 20070601; JP 2009513321 A 20070601; MX 2008015263 A 20070601