

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  
**C07K 1/22** (2006.01); **A61K 38/18** (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

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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