

Title (en)

BMP-7 VARIANT COMPOSITIONS, METHODS AND USES

Title (de)

BMP-7-VARIANTEN-ZUSAMMENSETZUNGEN, VERFAHREN UND VERWENDUNGEN

Title (fr)

COMPOSITIONS À BASE DE VARIANTES DE BMP-7, PROCÉDÉS ET UTILISATIONS

Publication

EP 2056852 A2 20090513 (EN)

Application

EP 07798210 A 20070607

Priority

- US 2007070584 W 20070607
- US 82053806 P 20060727

Abstract (en)

[origin: WO2008014054A2] Human Bone Morphogenic Protein 7 (hBMP-7) variant peptide chains, nucleic acids encoding these peptide chains, and methods of making and using the foregoing are disclosed.

IPC 8 full level

A61K 38/16 (2006.01); **A61K 38/18** (2006.01); **C07K 14/00** (2006.01); **C07K 14/435** (2006.01); **C07K 14/46** (2006.01); **C07K 14/475** (2006.01); **C07K 14/51** (2006.01); **C12N 15/00** (2006.01); **C12N 15/12** (2006.01); **C12N 15/63** (2006.01)

CPC (source: EP)

A61P 11/00 (2017.12); **A61P 13/12** (2017.12); **A61P 19/00** (2017.12); **A61P 19/02** (2017.12); **C07K 14/51** (2013.01); **A61K 38/00** (2013.01)

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 2008014054 A2 20080131; **WO 2008014054 A3 20090409**; EP 2056852 A2 20090513; EP 2056852 A4 20100113; JP 2009544325 A 20091217

DOCDB simple family (application)

US 2007070584 W 20070607; EP 07798210 A 20070607; JP 2009521874 A 20070607