

Title (en)

COMPOSITIONS AND METHODS FOR TREATING BONE DEFICIT CONDITIONS

Title (de)

MITTEL UND VERFAHREN ZUR BEHANDLUNG VON KNOCHENMANGELZUSTÄNDEN

Title (fr)

COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DES DEFICITS OSSEUX

Publication

**EP 0866710 A4 20010711 (EN)**

Application

**EP 96936906 A 19961023**

Priority

- US 9617019 W 19961023
- US 583095 P 19951023

Abstract (en)

[origin: WO9715308A1] Compounds containing two aromatic systems covalently linked through a linker containing one or more atoms, or "linker" defined as including a covalent bond per se so as to space the aromatic systems at a distance 1.5-15 ÅNGSTROM , are effective in treating conditions associated with bone deficits. The compounds can be administered to vertebrate subjects alone or in combination with additional agents that promote bone growth or that inhibit bone resorption. They can be screened for activity prior to administration by assessing their ability to effect the transcription of a reporter gene coupled to a promoter associated with a bone morphogenetic protein and/or their ability to stimulate calvarial growth in model animal systems.

IPC 1-7

**A61K 31/54**; **A61K 31/35**; **A61P 19/00**; **A61K 45/06**

IPC 8 full level

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CPC (source: EP KR)

**A61K 31/47** (2013.01 - EP); **A61K 31/54** (2013.01 - KR); **A61K 31/549** (2013.01 - EP); **A61P 19/00** (2018.01 - EP); **A61P 19/08** (2018.01 - EP)

Citation (search report)

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- [E] WO 9825460 A1 19980618 - ZYMOGENETICS INC [US]
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- [A] DATABASE WPI Week 9432, Derwent World Patents Index; AN 1994-260503, XP002150793
- See also references of WO 9715308A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9715308 A1 19970501**; AU 706262 B2 19990610; AU 7471096 A 19970515; BR 9611210 A 19991228; CA 2235481 A1 19970501; CN 1201393 A 19981209; CZ 115398 A3 19981216; EA 199800393 A1 19981224; EP 0866710 A1 19980930; EP 0866710 A4 20010711; HU P9802319 A2 19990201; HU P9802319 A3 19991228; JP 2000513324 A 20001010; KR 19990067010 A 19990816; NO 981810 D0 19980422; NO 981810 L 19980622; PL 327617 A1 19981221

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**US 9617019 W 19961023**; AU 7471096 A 19961023; BR 9611210 A 19961023; CA 2235481 A 19961023; CN 96197827 A 19961023; CZ 115398 A 19961023; EA 199800393 A 19961023; EP 96936906 A 19961023; HU P9802319 A 19961023; JP 51676197 A 19961023; KR 19980702947 A 19980423; NO 981810 A 19980422; PL 32761796 A 19961023