

Title (en)
GROWTH HORMONE ANTAGONISTS.

Title (de)
Wachstumshormonantagonisten.

Title (fr)
ANTAGONISTES DE L'HORMONE DE CROISSANCE.

Publication
EP 0659213 A1 19950628 (EN)

Application
EP 92911122 A 19920501

Priority
• US 9203532 W 19920501
• US 69330591 A 19910501

Abstract (en)
[origin: WO9219736A1] The present invention relates to growth inhibitory antagonists of bovine growth hormone obtained by mutation of the third alpha helix of that protein. These novel hormones may be administered exogenously to animals, or transgenic animals may be made that express the antagonist and thereby exhibited a reduced growth phenotype.

IPC 1-7
C12N 15/18; **C12N 15/00**; **A61K 48/00**; **A61K 38/27**

IPC 8 full level
A01K 67/027 (2006.01); **A61K 38/27** (2006.01); **A61P 3/08** (2006.01); **A61P 9/00** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **A61P 35/00** (2006.01); **C07K 1/00** (2006.01); **C07K 14/435** (2006.01); **C07K 14/575** (2006.01); **C07K 14/61** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/85** (2006.01); **C12P 21/02** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
A01K 67/0275 (2013.01); **A01K 67/0278** (2013.01); **A61P 3/08** (2017.12); **A61P 9/00** (2017.12); **A61P 13/02** (2017.12); **A61P 15/00** (2017.12); **A61P 35/00** (2017.12); **C07K 14/61** (2013.01); **C12N 15/8509** (2013.01); **A01K 2207/15** (2013.01); **A01K 2217/00** (2013.01); **A01K 2217/05** (2013.01); **A01K 2227/105** (2013.01); **A01K 2267/02** (2013.01); **A01K 2267/0362** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
See references of WO 9219736A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)
WO 9219736 A1 19921112; AU 1893092 A 19921221; AU 666117 B2 19960201; CA 2102129 A1 19921102; CA 2102129 C 20030401; EP 0659213 A1 19950628; FI 934829 A0 19931101; FI 934829 A 19931101; JP H06507632 A 19940901; NO 314309 B1 20030303; NO 933909 D0 19931028; NO 933909 L 19931220

DOCDB simple family (application)
US 9203532 W 19920501; AU 1893092 A 19920501; CA 2102129 A 19920501; EP 92911122 A 19920501; FI 934829 A 19931101; JP 51093792 A 19920501; NO 933909 A 19931028