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(54) Title: SOMATOGENIC THERAPY USING A 20KDA PLACENTAL VARIANT OF GROWTH HORMONE

(57) Abstract: Embodiments of the present invention provide improved methods of treating conditions requiring human growth hormone (hGH) therapy, whereby the beneficial effects of hGH such as growth promotion and lipolysis are retained and unwanted properties are reduced or eliminated. In particular, it is directed at a method of treatment whereby the lactogenic side effects of hGH treatment are reduced. Said enhanced method includes the use of a growth hormone variant; 20kDa hGH-V in the treatment of conditions that are currently treated with hGH or that have the potential to be treated with hGH.



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INTERNATIONAL SEARCH REPORT

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 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K38/27 A61P19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 6 399 565 B1 (ASADA NORIAKI ET AL) 4 June 2002 (2002-06-04) cited in the application column 4, lines 30-43; claim 1 column 2, lines 54-60	1-21
Y	US 6 417 237 B1 (DADEY ERIC J ET AL) 9 July 2002 (2002-07-09) column 6, lines 19-40,58 abstract	1-21
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	BOGUSZEWSKI C L ET AL: "Cloning of two novel growth hormone transcripts expressed in human placenta" JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM, NEW YORK, NY, US, vol. 83, no. 8, August 1998 (1998-08), pages 2878-2885, XP002284559 ISSN: 0021-972X abstract -----	
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