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(54) Title: PEPTIDE PHARMACEUTICAL FORMULATIONS

(57) Abstract: A pharmaceutical composition for administration to a mammal is disclosed. The composition includes a therapeutically effective amount of a peptide, such as a GLP-1 molecule, a PTH molecule, or a GRF molecule. The composition further includes a buffer including a weak acid having an acid dissociation constant value of greater than about $1x10^{-5}$, such as acetic acid. The composition also includes an excipient for making the composition generally isotonic, such as D-mannitol.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K38/25 A61K38/26 A61K38/29 A61K47/12 A61K47/26

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)
WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 29337 A (ELI LILLY) 17 June 1999 (1999-06-17) claims --- WO 99 47160 A (NOVO NORDISK) 23 September 1999 (1999-09-23) claims --- WO 99 30731 A (ELI LILLY) 24 June 1999 (1999-06-24) claims 1,2,11,15-17 page 11, line 10 - line 13 page 11, line 24 - line 30 page 12, line 22 - line 25 page 13, line 2 - line 5 page 13, line 23 - line 29 page 15, line 4 - line 18 --- -/--	1-4,7-9, 12-14
A		1-14
A		1

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Scarponi, U

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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