

Title (en)
GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN DERIVATIVES.

Title (de)
DEM GLUKAGON ÄHNLICHE PEPTIDE UND INSULINOTROPIN-DERIVATE.

Title (fr)
DERIVES D'INSULINOTROPINE ET DE PEPTIDE ANALOGUE AU GLUCAGON.

Publication
EP 0646128 A1 19950405 (EN)

Application
EP 93909505 A 19930414

Priority

- US 9303388 W 19930414
- US 89907392 A 19920615

Abstract (en)
[origin: WO9325579A1] This invention relates to derivatives of glucagon-like peptide 1 (GLP-1), truncated GLP-1, insulinotropin and truncated insulinotropin which have a pl of about 4.0 or less or a pl of about 7.0 or greater. The derivatives of GLP-1, truncated GLP-1, insulinotropin and truncated insulinotropin within the scope of this invention are particularly suited for delivery to a mammal by iontophoresis. This invention also relates to methods for enhancing insulin action in a mammal with said derivatives and to pharmaceutical compositions comprising said derivatives. Further still, this invention relates to new uses of certain known derivatives of insulinotropin and truncated insulinotropin to enhance insulin action in a mammal by iontophoretic administration of such derivatives.

IPC 1-7
C07K 14/605; A61K 38/04

IPC 8 full level
A61K 38/28 (2006.01); **A61K 38/04** (2006.01); **A61K 38/26** (2006.01); **A61P 3/08** (2006.01); **C07K 1/113** (2006.01); **C07K 14/575** (2006.01); **C07K 14/605** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP KR)
A61K 38/04 (2013.01 - KR); **A61P 3/08** (2017.12 - EP); **A61P 5/48** (2017.12 - EP); **C07K 14/605** (2013.01 - EP KR); **A61K 38/00** (2013.01 - EP)

Citation (search report)
See references of WO 9325579A1

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

DOCDB simple family (publication)
WO 9325579 A1 19931223; AU 4027593 A 19940104; AU 671117 B2 19960815; BR 9306551 A 19980915; CA 2138161 A1 19931223; CA 2138161 C 20031021; CN 1057098 C 20001004; CN 1085913 A 19940427; CZ 315594 A3 19950712; EP 0646128 A1 19950405; EP 0969016 A2 20000105; FI 932722 A0 19930614; FI 932722 A 19931216; HR P930993 A2 19961231; HU 211498 A9 19951128; HU 9301739 D0 19930928; HU T64367 A 19931228; IL 105928 A0 19931020; JP 2575298 B2 19970122; JP H07504679 A 19950525; KR 0154880 B1 19981015; KR 950701937 A 19950517; MX 9303554 A 19940630; NO 944853 D0 19941214; NO 944853 L 19941214; PL 176007 B1 19990331; RU 2128663 C1 19990410; RU 94046251 A 19961027; SK 155694 A3 19950510; YU 41493 A 19961018

DOCDB simple family (application)
US 9303388 W 19930414; AU 4027593 A 19930414; BR 9306551 A 19930414; CA 2138161 A 19930414; CN 93108718 A 19930614; CZ 315594 A 19930414; EP 93909505 A 19930414; EP 99110184 A 19930414; FI 932722 A 19930614; HR P930993 A 19930624; HU 9301739 A 19930614; HU 9500479 P 19950628; IL 10592893 A 19930607; JP 50144893 A 19930414; KR 19940704555 A 19941214; MX 9303554 A 19930615; NO 944853 A 19941214; PL 30676693 A 19930414; RU 94046251 A 19930414; SK 155694 A 19930414; YU 41493 A 19930614