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(54) Title: SOLUBLE, STABLE INSULIN-CONTAINING FORMULATIONS

(57) Abstract: The present invention relates to pharmaceutical formulations comprising insulin, an insulin analog, an insulin derivative, or a combination of any of the foregoing, and a salt of positively charged peptides, to methods of preparing such formulations, and to uses of such formulations in the treatment of diseases and conditions for which use of the insulin peptide(s) contained in such formulations is indicated. The present invention further relates to methods for increasing the stability and/or solubility of insulin in insulin-containing formulations at a pH less than 7.0 by adding a salt of salt of positively charged peptides to the insulin-containing formulations.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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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, BIOSIS, EMBASE, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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