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(54) **Title:** NOVEL COMPOSITIONS AND USES THEREOF

(57) **Abstract:** The present invention relates to compositions comprising glutamic acid and/or glutamine, cysteine, riboflavin, succinic acid, fumaric acid, coenzyme Q10, niacin, optionally vitamin C, and/or prodrugs of these substances and/or salts of these substances. The compositions can be used as food supplement and/or medicament for prophylaxis or treatment of several disease conditions, in particular of hyperglycemia and related diseases or disorders. Consequently, the present invention is also directed to pharmaceutical compositions for the use in human and veterinary medicine as well as method of treatments of said diseases.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

A61K A61P A23L

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 , BIOSIS, EMBASE, FSTA, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
P, X	WO 2007/016949 A (MATUSCHKA-GREIFFENCLAU MARKUS [CH]) 15 February 2007 (2007-02-15) claims	1, 5-17, 25-
A	WO 2005/077464 A (MATUSCHKA-GREIFFENCLAU MARKUS [CH]; JANDER HANS PETER [CH]) 25 August 2005 (2005-08-25) claims	1-27
A	US 2002/155163 A1 (BENJAMIN SAMUEL D [US] ET AL) 24 October 2002 (2002-10-24) cited in the application claims	1-27

D Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"G" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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