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(54) Title: A SYNERGISTIC COMPOSITION FOR THE TREATMENT OF DIABETES MELLITUS

(57) Abstract: The present invention relates to a synergistic composition for the treatment of diabetes in a subject in need thereof, said composition-comprising Trigonelline of concentration ranging between 20 to 30%, amino acids of concentration ranging between 20 to 60%, and soluble fiber of concentration ranging between 10 to 60%, optionally along with pharmaceutically acceptable additives, a process thereof and also, a method of treating diabetes.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K35/78

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, BIOSIS, MEDLINE, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RAGHURAM T C ET AL: "EFFECT OF FENUGREEK SEEDS ON INTRAVENOUS GLUCOSE DISPOSITION IN NON-INSULIN DEPENDENT DIABETIC PATIENTS" PHYTOTHERAPY RESEARCH, JOHN WILEY & SONS LTD. CHICHESTER, GB, vol. 8, 1994, pages 83-86, XP002920289 ISSN: 0951-418X the whole document	1-37
Y	AL-HABORI M ET AL: "ANTIDIABETIC AND HYPOCHOLESTEROLAEMIC EFFECTS OF FENUGREEK" PHYTOTHERAPY RESEARCH, JOHN WILEY & SONS LTD. CHICHESTER, GB, vol. 12, no. 4, 1998, pages 233-242, XP000909006 ISSN: 0951-418X the whole document	1-37

☒ 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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MANSOUR E H; EL-ADAWY T A: "Nutritional Potential and Functional Properties of Heat-treated and Germinated Fenugreek Seeds" LEBENSMITTEL-WISSENSCHAFT UND -TECHNOLOGIE, vol. 27, no. 6, 1994, pages 568-572, XP002306105 the whole document	1-37
Y	GARTI N ET AL: "Fenugreek gum. The magic fiber for an improved glucose response and ch" NUTRITION, NUTRITION, BURBANK, CA, US, vol. 1, no. 3, May 2001 (2001-05), pages 5-10, XP002968332 ISSN: 0899-9007 the whole document	1-37
Y	PETIT P ET AL: "INSULIN STIMULATING EFFECT OF AN ORIGINAL AMINO ACID, 4-HYDROXYIYISOLEUCINE, PURIFIED FROM FENUGREEK SEEDS" DIABETOLOGIA. SUPPLEMENT, SPRINGER VERLAG, BERLIN, DE, vol. 38, no. SUPPL 1, 1995, page A101, XP000610227 ISSN: 0941-5602 the whole document	1-37
Y	SHARMA R D ET AL: "HYPOGLYCAEMIC EFFECT OF FENUGREEK SEEDS IN NON-INSULIN DEPENDENT DIABETIC SUBJECTS" NUTRITION RESEARCH, XX, XX, vol. 10, 1990, pages 731-739, XP002920287 ISSN: 0271-5317 the whole document	1-37
Y	RIBES G; SAUVAIRE Y; DA COSTA C; BACCOU J C; LOUBATIERES-MARIANI M M: PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE, vol. 182, no. 2, 1986, pages 159-166, XP009040066 the whole document	1-37