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(54) Title: HYBRID EXPRESSION OF NEISSERIAL PROTEINS

ΔG287—919 BanH1 (1217) Gly linker Xhol (2501 Nhel (5) Ndel (1020) 919 dG287

(57) Abstract: Two or more Neisserial proteins (e.g. A and B) are expressed as a single hybrid protein which can be represented simply by the formula NH₂-A-B-COOH.



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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/62 C07K C07K14/22C07K19/00 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) CO7K C12N 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, BIOSIS, CHEM ABS Data, MEDLINE C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages 1,4-6,"EXPRESSION IN GUILLEN G ET AL: 25-27 ESCHERICHIA COLI AND IMMUNOLOGICAL CHARACTERIZATION OF A HYBRID CLASS 1-P64K PROTEIN FROM NEISSERIA MENINGITIDIS" BIOTECNOLOGIA APLICADA, CU, LA HABANA, vol. 13, no. 4, 1 October 1996 (1996-10-01), pages 271-275, XP000671540 ISSN: 1027-2852 2,3, Υ 7-24,28 abstract page 273, left-hand column, paragraph 2 -page 275, right-hand column, paragraph 2 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. X χ ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means in the art. *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 14/09/2001 4 September 2001 Name and mailing address of the ISA Authorized officer 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 Montero Lopez, B

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