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(21) International Application Number: PCT/EP97/04070 (22) International Filing Date: 26 July 1997 (26.07.97) (30) Priority Data: 96112341.1 31 July 1996 (31.07.96) EP (34) Countries for which the regional or international application was filed: AT et al. (71)(72) Applicant and Inventor: MULLER, Claude, P. [LU/LU]; 3, rue des Vergers, L-7338 Heisdorf (LU). (74) Agents: FREYLINGER, Ernest, T. et al.; Office de Brevets Ernest T. Freylinger, 321, route d'Arlon, Boîte postale 48, L-8001 Strassen (LU).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 6 August 1998 (06.08.98)	
(54) Title: PEPTIDES CORRESPONDING OR IMITATING AT LEAST ONE ANTIGENIC DETERMINANT OF THE HAMAG-GLUTININ PROTEIN OF MORBILLIVIRUS (57) Abstract <p>Peptides having an amino acid sequence corresponding to or mimicking at least one antigenic determinant of at least one structural protein of a morbillivirus, vaccines comprising such peptides, and a method for provoking an immune response to morbillivirus in mammals are disclosed. More particularly, peptides and antigenic determinants comprising at least a part of the amino acid sequence corresponding to amino acids 226 to 255 or 361 to 420 of the hemagglutinin protein of the Edmonston strain of MV or a portion, variation, or mutant or mimotope or conjugate of any such sequences are disclosed.</p>		

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 97/04070

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C07K14/12 A61K39/17

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 6 C07K 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OBEID E.O. ET AL.: "Analysis of th antigenic profile of measles virus haemagglutinin in mice and humans using overlypping synthesis peptides" VIRUS RESEARCH, vol. 32, 1994, pages 69-84, XP002062540	1-23
Y	whole document, esp. Fig. 1 --- -/--	1-23

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.
P,X	FOURNIER PH. ET AL.: "Antibodies to a new linear site at the topographical or functional interface between the haemagglutinin and fusion proteins protect against measles encephalitis" J. GENERAL VIROLOGY, vol. 78, 6 June 1997, pages 1295-1302, XP002062541 whole document, esp. Fig. 3, Table 1 and Methods	1-23
P,X	--- ZIEGLER D. ET AL.: "Protection against measles virus encephalitis by monoclonal antibodies binding to a cystein loop domain of the H protein mimicked by peptides which are not recognized by maternal antibodies" J. GENERAL VIROLOGY, vol. 77, 10 October 1996, pages 2479-2489, XP002062542 whole document	1-23
Y	--- ROTA J.S. ET AL.: "Comparison of sequences of the H, F, and N coding genes of measles virus vaccine strains" VIRUS RESEARCH, vol. 31, 1994, pages 317-330, XP002062543 whole document, esp. Fig. 5	1-23
A	--- EP 0 540 135 A (KITASATO INST) 5 May 1993 whole document -----	1-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 97/04070

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EP 0540135 A	05-05-1993	JP 5103665 A	27-04-1993
		KR 9512759 B	21-10-1995
		US 5654136 A	05-08-1997
