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| <p>(21) International Application Number: PCT/EP98/05106</p> <p>(22) International Filing Date: 5 August 1998 (05.08.98)</p> <p>(30) Priority Data: 97202434.3 5 August 1997 (05.08.97) EP</p> <p>(71) Applicant (for all designated States except US): VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECH- NOLOGIE [BE/BE]; Rijvisschestraat 118, bus 1, B-9052 Zwijnaarde (BE).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): NEIRYNCK, Sabine [BE/BE]; Bokslaarstraat 41, B-9160 Lokeren (BE). MIN JOU, Willy [BE/BE]; Jagersdreef 11, B-9070 Destelbergen (BE). FIERS, Walter [BE/BE]; Beukendreef 3, B-9070 Destelbergen (BE).</p> <p>(74) Agent: VAN SOMEREN, Petronella, Francisca, Hendrika, Maria; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).</p> | | <p>(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, GH, GM, HR, HU, ID, 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, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>Without international search report and to be republished upon receipt of that report.</i></p> |
| <p>(54) Title: NEW IMMUNOPROTECTIVE INFLUENZA ANTIGEN AND ITS USE IN VACCINATION</p> | | |
| <p>(57) Abstract</p> <p>The present invention relates to an influenza antigen, comprising a fusion product of at least the extracellular part of a conserved influenza membrane protein or a functional fragment thereof and a presenting carrier, which may be a presenting (poly)peptide or a non-peptidic structure, such as glycans, peptide mimetics, synthetic polymers. The invention further relates to a vaccine against influenza, comprising at least an antigen of the invention, optionally in the presence of one or more excipients. The invention also relates to use of the antigen, a method for preparing the antigen and acceptor cells expressing the antigen.</p> | | |