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- (54) **IMMUNOPROTECTIVE INFLUENZA ANTIGEN AND ITS USE IN VACCINATION**
- (75) Inventors: **Sabine Neirynck**, Lokeren (BE); **Willy Min Jou**, Destelbergen (BE); **Walter Fiers**, Destelbergen (BE)
- (73) Assignee: **Vlaams Interuniversitair Instituut Voor Biotechnologie**, Zwijnaarde (BE)
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See application file for complete search history.

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(English version) Insertie Van Nucleoproterne T-Cel Epitoop Van Het Influenza A Virus in Het M2-Hepatitis B Core Fusie-Eiwit, by Bart Bamps, Promotor: Professor Willy Min Jou, Begeleider: Sabine Neirynck, Laboratorium voor Moleculaire Biologie VIB, Universiteit GENT, Academiejaar 1996-1997, Academic Degree obtained Jul. 2, 1997.

(English version) Een Expressieplasmide Leidend Tot De Presentatie Van Influenza M2 Eiwitepitopen Op Het E. Coli Celoppervlak, by Sabine Neirynck. Promotor: Professor W. Fiers, Laboratorium voor Moleculaire Biologie VIB, Rijksuniversiteit GENT, Academiejaar 1987-1988, Academic Degree obtained Sep. 30, 1988.

(Continued)

**Primary Examiner**—Stacy B Chen**(74) Attorney, Agent, or Firm**—Husch Blackwell Sanders(57) **ABSTRACT**

The present invention relates to an influenza antigen, comprising a fusion product of at least (1) the extracellular part of a conserved influenza membrane protein (e.g., M2) or a functional equivalent thereof and (2) a presenting carrier. The presenting carrier may be a (poly)peptide or a non-peptidic structure such as glycans, peptide mimetics, and synthetic polymers. The invention further relates to methods of making and using the antigen, and to influenza vaccines comprising the antigen and optionally one or more excipients.