2003068897

19 NOV 2003

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
5 December 2002 (05.12.2002)

PCT

(10) International Publication Number
WO 2002/097072 A3

(51) International Patent Classification[7]: C12N 7/04, A61K 39/145

(21) International Application Number: PCT/EP2002/005883

(22) International Filing Date: 29 May 2002 (29.05.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0113083.0 30 May 2001 (30.05.2001) GB
0204116.8 21 February 2002 (21.02.2002) GB

(71) Applicant *(for all designated States except US)*: **SAECHSISCHES SERUMWERK DRESDEN BRANCH OF SMITHKLINE BEECHAM PHARMA GMBH & CO. KG** [DE/DE]; Zirkusstrasse 40, 01069 Dresden (DE).

(72) Inventor; and

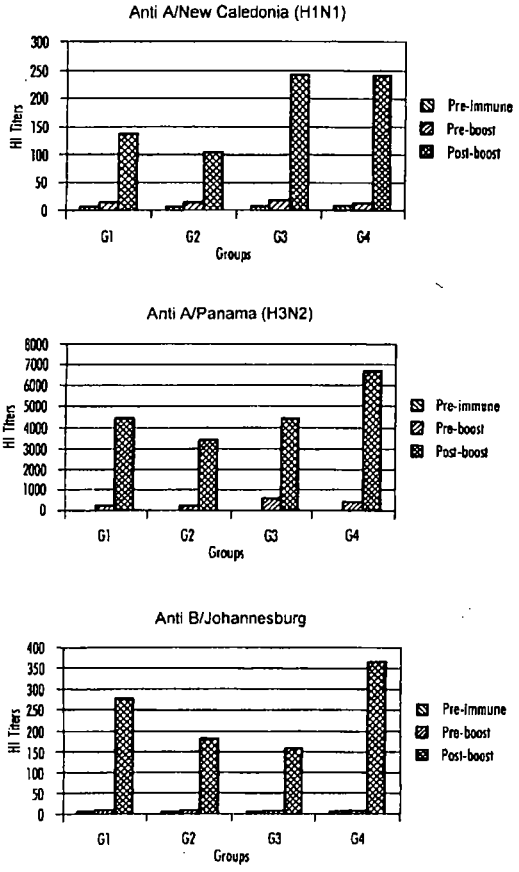
(75) Inventor/Applicant *(for US only)*: **EICHHORN, Uwe** [DE/DE]; Saechsisches Serumwerk Dresden, Branch of SmithKline Beecham Pharma GmbH & Co. KG, Zirkusstr. 40, 01060 Dresden (DE).

(74) Agent: **PRIVETT, Kathryn, Louise**; Corporate Intellectual Property, GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: INFLUENZA VACCINE COMPOSITION



(57) Abstract: An inactivated influenza virus preparation is described which comprises a haemagglutinin antigen stabilised in the absence of thiomersal, or at low levels of thiomersal, wherein the haemagglutinin is detectable by a SRD assay. The influenza virus preparation may comprise a micelle modifying excipient, for example α tocopherol or a derivative thereof in a sufficient amount to stabilise the haemagglutinin.

162162

ACTION

WO 2002/097072 A3

(84) **Designated States** *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) **Date of publication of the international search report:**
24 April 2003

(48) **Date of publication of this corrected version:**
19 February 2004

(15) **Information about Correction:**
see PCT Gazette No. 08/2004 of 19 February 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.