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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 July 2006 (06.07.2006)

PCT

(10) International Publication Number
WO 2006/069782 A3

(51) International Patent Classification:
A61K 47/48 (2006.01)

(21) International Application Number:
PCT/EP2005/014074

(22) International Filing Date:
27 December 2005 (27.12.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04030846.2 27 December 2004 (27.12.2004) EP

(71) Applicant *(for all designated States except US)*: **ATUGEN AG** [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **KEIL, Oliver** [DE/DE]; Amselweg 12, 16552 Schildow (DE). **KAUFMANN, Jörg** [DE/DE]; Spiessweg 66, 13437 Berlin (DE).

(74) Agent: **BOHMANN, Armin, K.**; Bohmann & Loosen, Sonnenstrasse 8, 80331 München (DE).

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

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
12 April 2007

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.

WO 2006/069782 A3

(54) Title: LIPID COMPLEXES COATED WITH PEG AND THEIR USE

(57) Abstract: The present invention is related to a lipid composition comprising at least a first lipid component, at least a first helper lipid, and a shielding compound which is removable from the lipid composition under in vivo conditions.