PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 38/21 | A1

(11) International Publication Number: WO 99/62542

(43) International Publication Date: 9 December 1999 (09.12.99)

(21) International Application Number: PCT/US98/07242

(22) International Filing Date: 29 May 1998 (29.05.98)

(71) Applicant *(for all designated States except US)*: BIOGEN, INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: ALAM, John [US/US]; 40 Granville Road, Cambridge, MA 02138 (US). ROGGE, Mark [US/US]; 14 Cedar Knoll, Boxford, MA 01921 (US). GOELZ, Susan [US/US]; 6900 S.E. 35th Avenue, Portland, OR 97202 (US).

(74) Agent: KAPLAN, Warren, A.; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).

(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, GW, 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, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: RECOMBINANT HUMAN INTERFERON BETA–1A (IFN–BETA–1A) FORMULATION

(57) Abstract

Liquid compositions comprising a buffer of pH of about 7.2, recombinant interferon beta and 15 mg/ml of human serum albumin, and kits for parenteral administration comprising said compositions.