PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 9/16, 31/56 — A1

(11) International Publication Number: **WO 98/52544**

(43) International Publication Date: 26 November 1998 (26.11.98)

(21) International Application Number: PCT/SE98/00908

(22) International Filing Date: 15 May 1998 (15.05.98)

(30) Priority Data:
9701956-6 23 May 1997 (23.05.97) SE

(71) Applicant *(for all designated States except US)*: ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: BISRAT, Mikael [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE). MOSHASHAEE, Saeed [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE).

(74) Agent: ASTRA AKTIEBOLAG; Patent Dept., S-151 85 Södertälje (SE).

(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: COMPOSITION COMPRISING FINELY DIVIDED, CRYSTALLINE PARTICLES OF BUDESONIDE

(57) Abstract

The invention provides finely divided, substantially crystalline particles of budesonide characterised in that they are substantially smooth and having a BET value from 1 to 4.5 m^2/g, process for their preparation, a pharmaceutical composition comprising said particles, the use of said particles in the treatment of and in the manufacture of a medicament for use in the treatment of a respiratory disorder, and a method of treatment of respiratory disorders by administration, to a host in need of such treatment, said particles.

