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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
29 March 2001 (29.03.2001)

PCT

(10) International Publication Number
WO 01/21194 A2

(51) International Patent Classification[7]: A61K 38/09

(21) International Application Number: PCT/EP00/09212

(22) International Filing Date:
20 September 2000 (20.09.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/155,478 23 September 1999 (23.09.1999) US

(71) Applicant *(for all designated States except US)*: ASTA MEDICA AG [DE/DE]; An der Pikardie 10, 01277 Dresden (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: ENGEL, Jürgen [DE/DE]; Erlenweg 3, 63755 Alzenau (DE). RIETH-MÜLLER-WINZEN, Hilde [DE/DE]; Mittelweg 27, 60318 Frankfurt (DE). FELBERBAUM, Ricardo [DE/DE]; Schildstr. 13, 23552 Lübeck (DE). DIEDRICH, Klaus [DE/DE]; Klein Sarau 45, 23627 Gross-Sarau (DE). KÜPKER, Wolfgang [DE/DE]; Kapitelstr. 5, 23552 Lübeck (DE).

(81) Designated States *(national)*: AU, BG, BR, BY, CA, CN, CZ, DZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, YU, ZA.

(84) Designated States *(regional)*: 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).

Published:
— *Without international search report and to be republished upon receipt of that report.*

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 01/21194 A2

(54) Title: METHOD FOR THE THERAPEUTIC MANAGEMENT OF EXTRAUTERINE PROLIFERATION OF ENDOMETRIAL TISSUE, CHRONIC PELVIC PAIN AND FALLOPIAN TUBE OBSTRUCTION

(57) Abstract: The present invention provides a method for therapeutic management of extrauterine proliferation of endometrial tissue, chronic pelvic pain and fallopian tube obstruction by short term induction treatment with an LH-RH antagonist for 4 to 12 weeks. According to another aspect of the present invention, the short term LH-RH treatment is followed by the combined or separate administration of one or more active agents selected from the group consisting of a contraceptive, preferably an oral contraceptive, a non-steroidal anti-rheumatic agent, an analgetic, an androgen other than a 17-alpha-alkyl substituted testosterone or any combinations thereof. According to a further aspect of the present invention a pharmaceutical composition comprising an LHRH antagonist and one or more active agents selected from the group consisting of a contraceptive, preferably an oral contraceptive, a non-steroidal anti-rheumatic agent, an analgetic, an androgen other than a 17-alpha-alkyl substituted testosterone or any combinations thereof are provided.