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(71) Applicant *(for all designated States except US)*: **ARES TRADING S.A.** [CH/CH]; Chateau de Vaumarcus, CH-2028 Vaumarcus (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BUNSCHOTEN, Evert, Johannes** [NL/NL]; Plantsoen 16, NL-5384 EV Heesch (NL). **COELINGH BENNINK, Herman, Jan, Tijmen** [NL/NL]; Melvill van Carnbeelaan 38, NL-3971 BE Driebergen (NL).

(74) Agent: **VAN WESTENBRUGGE, Andries et al**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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ACTION

(54) Title: METHOD OF CONTROLLED OVARIAN HYPERSTIMULATION AND PHARMACEUTICAL KIT FOR USE IN SUCH METHOD

(57) Abstract: One aspect of the present invention is concerned with a method of controlled ovarian hyperstimulation in a mammalian female, said method comprising the co-administration to said female of - a substance having follicle stimulating hormone activity (FSH substance) in an amount effective to stimulate multiple follicular development; - gonadotropin releasing hormone (GnRH) antagonist in an amount equivalent to a daily subcutaneous dose of at least 0.5 mg ganirelix to prevent a premature LH-surge; and - a LH substance in an amount effective to prevent or suppress symptoms of luteinising hormone (LH) deficiency resulting from the administration of the GnRH antagonist; followed by administering a meiosis and luteinisation inducing substance (ML substance) in an amount effective to stimulate resumption of meiosis and luteinisation, and wherein the LH substance is not obtained from the urine of human females. Another aspect of the to invention relates to a pharmaceutical kit for use in a method of controlled hyperstimulation, which kit comprises: - at least one parenteral or oral dosage unit containing one or more FSH substances in an amount equivalent to a subcutaneous dose of 50-1500 I.U. FSH; -at least one parenteral dosage unit containing one or more GnRH antagonists in an amount equivalent to a subcutaneous dose of 0.5-25 mg ganirelix; -at least one parenteral dosage unit containing one or more LH substances in an amount equivalent to a subcutaneous dose of 50-3000 I.U. recombinant LH; wherein the LH substance is not obtained from the urine of human females.

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