

Title (en)

APPLICATION OF 18-METHYL-15SS,16SS-METHYLENE-19-NOR-20-SPIROX-4-EN-3-ONE SYSTEMS IN THE TREATMENT OF MENORRHAGIA, AS WELL AS INTRAUTERINE SYSTEMS CONTAINING 18-METHYL-15SS,16SS-METHYLENE-19-NOR-20-SPIROX-4-EN-3-ONE FOR TREATING UTERINE BLEEDING DISORDERS

Title (de)

ANWENDUNG VON 18-METHYL-15 $\beta$ ,16 $\beta$ -METHYLEN-19-NOR-20-SPIROX-4-EN-3-ONEN BEI DER THERAPIE DER MENORRHAGIA, SOWIE 18-METHYL-15 $\beta$ ,16 $\beta$ -METHYLEN-19-NOR-20-SPIROX-4-EN-3-ONE ENTHALTENDE INTRAUTERINE SYSTEME FÜR DIE THERAPIE UTERINEN BLUTUNGSSTÖRUNGEN

Title (fr)

UTILISATION DE 18-MÉTHYL-15 BÊTA, 16-BÊTA-MÉTHYLÈNE-19-NOR-20-SPIROX-4-EN-3-ONES POUR LE TRAITEMENT DES MÉNORRAGIES, AINSI QUE SYSTÈME INTRA-UTÉRIN CONTENANT DU 18-MÉTHYL-15 BÊTA, 16-BÊTA-MÉTHYLÈNE-19-NOR-20-SPIROX-4-EN-3-ONES POUR LE TRAITEMENT DES HÉMORRAGIES UTÉRINES

Publication

**EP 2841073 A1 20150304 (DE)**

Application

**EP 13717280 A 20130419**

Priority

- DE 102012206653 A 20120423
- EP 2013058152 W 20130419

Abstract (en)

[origin: WO2013160200A1] The present invention describes the intrauterine application of 18-methyl-15 $\beta$ , 16 $\beta$ -methylene-19-nor-20-spirox-4-en-3-one systems of the general formula (1), where R6 and R7 denote hydrogen or a methylene group, for the treatment of menorrhagia, generally uterine bleeding, as well as an intrauterine system for the stated application containing a compound of formula (1).

IPC 8 full level

**A61K 31/58** (2006.01); **A61F 6/14** (2006.01); **A61P 15/00** (2006.01)

CPC (source: CN EP US)

**A61K 9/0039** (2013.01 - CN EP US); **A61K 31/58** (2013.01 - CN EP US); **A61P 5/24** (2017.12 - EP); **A61P 7/04** (2017.12 - EP); **A61P 15/00** (2017.12 - EP)

Citation (search report)

See references of WO 2013160200A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2013160200 A1 20131031**; AR 090800 A1 20141210; AU 2013251842 A1 20141106; BR 112014026086 A2 20170718; CA 2871001 A1 20131031; CL 2014002857 A1 20150206; CN 104379149 A 20150225; CO 7111253 A2 20141110; CR 20140489 A 20141224; CU 20140120 A7 20150226; DO P2014000240 A 20150215; EA 201491917 A1 20150430; EC SP14024263 A 20151231; EP 2841073 A1 20150304; GT 201400225 A 20160122; HK 1206271 A1 20160108; IL 235096 A0 20141231; JP 2015514789 A 20150521; KR 20150005548 A 20150114; MA 37443 A1 20160531; MX 2014012848 A 20150205; PE 20142437 A1 20150131; PH 12014502371 A1 20150112; SG 11201406583Q A 20141127; TN 2014000445 A1 20160330; TW 201345530 A 20131116; US 2015119372 A1 20150430; UY 34759 A 20131129

DOCDB simple family (application)

**EP 2013058152 W 20130419**; AR P130101342 A 20130423; AU 2013251842 A 20130419; BR 112014026086 A 20130419; CA 2871001 A 20130419; CL 2014002857 A 20141023; CN 201380021631 A 20130419; CO 14235151 A 20141023; CR 20140489 A 20141023; CU 20140120 A 20141022; DO 2014000240 A 20141023; EA 201491917 A 20130419; EC PI201424263 A 20141024; EP 13717280 A 20130419; GT 201400225 A 20141023; HK 15106972 A 20150722; IL 23509614 A 20141019; JP 2015507478 A 20130419; KR 20147029290 A 20130419; MA 37443 A 20141021; MX 2014012848 A 20130419; PE 2014001785 A 20130419; PH 12014502371 A 20141022; SG 11201406583Q A 20130419; TN 2014000445 A 20141022; TW 102114450 A 20130423; US 201314396742 A 20130419; UY 34759 A 20130423