



Industria y Comercio

S U P E R I N T E N D E N C I A

Delegatura de propiedad Industrial

División de Nuevas Creaciones

PCT
SOLICITUD

PATENTE DE INVENCION

21. EXPEDIENTE No.

06.29532

54. TÍTULO

COMUESTO ARTEMISININA

51. CLASIFICACIÓN INTERNACIONAL

A61K31/336, 31/4706, 31/498, A61P33/0

71. SOLICITANTE

GOUGUERO LI JIANPING SONG

DOMICILIO

GUANGDONG, CHINA

74. APODERADO

LAURA HECHENSEN NENCO

22. BOGOTÁ, D. C., **24-03-06**

PETITORIO

Industria y Comercio
SUPERINTENDENCIA

SUPERINTENDENCIA Y COMERCIO

Notificación: 05029537 00000000

Folios: 23

Fecha (IMP): 2006-03-24 16:44:57

Tramite: 011 PCT-PATENT 2da FASE NNCI 410 PRELIMINAR
Dependencia: 2000 DIFUSION DE NUEVAS COSECHAS

FORMULARIO ÚNICO DE SOLICITUD DE PATENTE

PCT

ENTRADA EN FASE NACIONAL: 26-04-2006

①

SOLICITUD DE:

☒ Patente de Invención.

☐ Patente de Modelo de Utilidad.

☒ Capítulo I.

☐ Capítulo II.

②

SOLICITANTE
(71)

Nombre: GUOQIAO LI y JIANPING SONG

Dirección: Room 801, Building 68, 12 Airport
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510405, China

Nacionalidad o Domicilio: CHINA

Lugar de Constitución:

Teléfono:

Fax:

E-mail:

IDENTIFICACIÓN

C.C.

☐

NT

☐

C.E.

☐

Otro

☐

Cual

Número

③

REPRESENTANTE
O APODERADO

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IDENTIFICACIÓN

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Otro

☐

Cual

Número 39.783.287 TP 97.897

④

INVENTOR (ES)
(72)

Nombre: GUOQIAO LI y JIANPING SONG

Dirección: Room 801, Building 68, 12 Airport RD, Guangzhou, Guangdong
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Nacionalidad o Domicilio: CHINA

⑤

PCT (86)

Solicitud Internacional No. PCT/CN2004/001064

Fecha 20-09-2004

Publicación Internacional No. WO/2005/030197

Fecha 07-04-2005

⑥

Título (54) COMPUESTO ARTEMISININA

⑦

Clasificación Internacional (81)

A61K 31/396, A61K 31/4708, A61K 31/488, A61P 33/06

⑧

Prioridad

SI

☒

NO

☐

(33) País de Origen

CHINA

(32) Fecha

26/09/2003

(31) Número de Solicitud

03146951.5

⑨

Comprobante de pago No. 25-23-4232

Fecha 22-03-06

Instrucciones para el diligenciamiento del presente formulario, ver reverso de esta página.

2003-FSC (02-04-04)

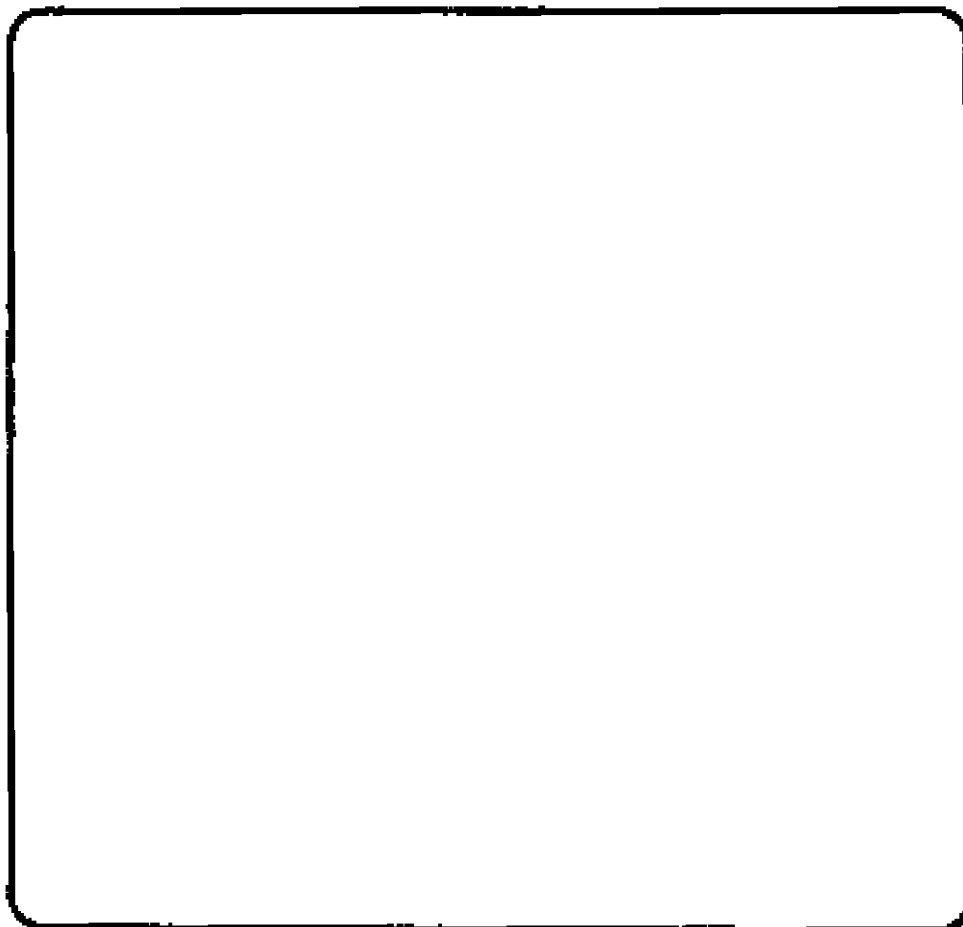
10

ANEXOS

- ☒ Comprobante de pago de la tasa de presentación de la solicitud.
- ☐ Documento que acredite la existencia y representación legal cuando el solicitante sea persona jurídica.
- ☐ Poderes, si fuere el caso.
- ☐ Documento de cesión del inventor al solicitante o a su causante.
- ☐ Declaraciones.
- ☒ Copia de la solicitud internacional. (Resumen, descripción, reivindicaciones, dibujos)
- ☐ Traducción de la solicitud internacional al castellano. (Resumen, descripción, reivindicaciones, dibujos)
- ☐ Copia del examen preliminar internacional efectuado por la Autoridad Internacional de Examen Preliminar (IPEA).
- ☐ Traducción del examen preliminar internacional efectuado por la IPEA.
- ☐ De ser el caso, copia del contrato de acceso.
- ☐ De ser el caso, documento que acredite la licencia o autorización de uso de conocimientos tradicionales de las comunidades indígenas.
- ☐ De ser el caso, certificado de depósito del material biológico.
- ☐ Antetítulo 12x12.
- ☐ De ser el caso, información sobre otras solicitudes de patente o figuras obtenidas en el extranjero por el mismo titular o su causante, relacionadas parcial o totalmente con la invención de esta solicitud.
- ☒ De ser el caso, modificaciones efectuadas a la solicitud internacional.
- ☒ Otros

11

FIGURA CARACTERÍSTICA:



12

Solicito la concesión de la patente:

NOMBRE

LAURA MICHELSEN RO

FIRMA

[Handwritten signature]

Cel. 38.783.287

Tp. 67.007

Instrucciones para la presentación de los anexos, ver reverso de esta página.

3

SUPERINTENDENCIA Y DEFENSA
Indicación : 05023537 CONCEPTO
Fecha (MES): 2006-03-24 16:41:57 Folios: 23
Procedimiento : 011 PCT-PATENT 378 FASE NÚM 411 PRESENTAR
Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

SUPERINTENDENCIA DE INDUSTRIA Y DEFENSA

Nº : 800174089-2

RECIBO OFICIAL DE CAJA : 06 - 23,147
FECHA : MARZO 22 DE 2006

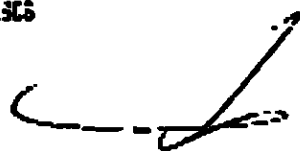
***** CONFIRMACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	Nº. PAGO	FECHA PAGO	VR. PAGO
TRIAPO JORGE A PIERCELO DE INGENIERIA		BANCO POPULAR	050-00110-6	48489430	22/03/2006	1,735,000.00

***** CONCEPTO *****

CANT. MENSAJERO	CONCEPTO	TOTAL CONCEPTO
1	50039-01-01 SOLICITUDES	
	1 TRAMITES DE SOL. DE PATENTE DE IN	463,000.00
	TOTAL :	463,000.00

SEY: CANTIDADES SEMEJAS Y TRES MIL PESOS



RESPONSABLE : _____

RECIBO DE CAJA APLICADO AL EXPEDIENTE Nº. _____

4

SUPERINTENDENCIA Y COMERCIO
Indicacion: 06025537 00000000 Folios 23
Fecha (MM): 2006-03-24 15:41:57
Tramite : 001 PCT-MILWA 300 FASE PACT 011 SOLICITUD
Dependencia: 0020 DIVISION DE NUEVOS CREDITOS

SUPERINTENDENCIA DE REGISTRO Y COMERCIO

NIT : 000176069-2

LIBRO EFICIAL DE CASH : 00 - 23.429
FECHA : MARZO 23 DE 2006

CONSIGNACIONES

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	Nº. PAGO	FECHA PAGO	Dr. PAGO
TRIANA URIBE & MICHELSEN CONSIGNACION		BANCO POPULAR	090-00110-4	51161372	23/03/2006	189,660.00

CONCEPTOS

CONCEPTOS	CONCEPTO	TOTAL CONCEPTO
1 50005-03-61 DELICITUDES	82 DISTRIBUCION DE UNA PRIORIDAD EN AB	130,000.00
	TOTAL :	130,000.00

SOL: CIENTO TREINTA MIL PESOS



RESPONSABLE : _____

RECIBO DE CASH APLICADO AL EXPEDIENTE No. _____

Combination comprising artemisinin

Technical field

The present invention relates to medicaments for the treatment of malaria, in particular to a combination comprising artemisinin having high and rapid therapeutic effect.

Background art

Among the prior art anti-malaria drugs, some employ artemisinin derivatives (such as dihydroartemisinin, artesunate, artemether, arteether) in conjunction with piperazine having a long half-life, which result in long course of treatment, and resistant plasmodia; some employ phosphates of piperazine and primaquine, which have suboptimal therapeutic effect due to GI tract side effects of said phosphates. In addition, the prior art anti-malaria drugs suffer from the disadvantages of long processing period, high production cost, short shelf life, large dosage and the like.

Disclosure of the invention

The object of the present invention is to overcome the shortcomings in the prior art by providing a combination comprising artemisinin, which requires shorter course of treatment, with less side effect, lower production cost, more convenience for administration, as well as high and rapid therapeutic effect.

The object of the present invention is achieved by a combination comprising artemisinin, which can be formulated into tablets and granules, suppository, suspension syrup or dry powder for pediatric use. The combination comprises artemisinin, piperazine and primaquine in following ratio ranges:

- artemisinin, 1 part
- piperazine, 3-8 parts
- primaquine, 0-0.2 part,
- the optimum ratio being 1:8:0.6.

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The primaquine can also be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin and piperazine.

It has been shown through clinical trials of more than 600 cases of multiple-resistant subtertian malaria, tertian malaria and quartan malaria that the present drug is characterized by rapid and high therapeutic effect, low toxicity, short course of treatment, and ability of rapidly eliminating infection source to block spreading of malaria, which is obviously superior to domestic and foreign drugs of the same class in terms of therapeutic effect and function.

Embodiment of the invention

The formulation is as follows:

Artemisinin	120 g
Piperazine	1200 g
Primaquine	6 g
Adjuvant (hydroxypropyl cellulose and etc.)	q.s.
to produce	1,000 Tablets

The preparation process

Qualified materials are respectively crushed and pass through a screen of 100 meshes. The materials and adjuvant are accurately weighed according to the formulation, and the individual ingredients are homogenously mixed and compressed into tablets or prepared into various dosage forms for pediatric use, which are then packed to give the finished product.

The present combination comprising artemisinin is useful in the treatment of various malariae (human malaria such as subtertian malaria, tertian malaria and quartan malaria), in particular multiple-resistant subtertian malaria. The total dosage for an adult is 2 tablets, with 1 tablet per day.

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Primaquine is contained in the present combination in an amount of only 6 mg per tablet, which is the daily dosage and taken for only two days. This dosage is reduced by 82% as compared with a conventional dosage of 87.5 mg in three days. Its use in conjunction with artemisinin, as proved by experiment, can lead to the gametophyte of plasmodium falciparum losing its infectivity completely by 24 h after the first dose, thereby blocking its propagation without any side effect. It is one particular feature possessed by the present combination using an ultra-low dose of primaquine.

Due to its advantages including lower material cost, smaller size, shorter course of treatment, and more convenience for administration (2 tablets in two days for an adult) as well as ability of substantially killing gametophyte to block spreading of malaria, as compared with any artemisinin combinations, the present combination can favorably enter national state hospitals in developing countries at a relatively low price, and is in the interest of global application and dissemination of anti-malaria measures.

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Claims:

1. A combination comprising artemisinin, which can be formulated into tablets or granules, suppository, suspension syrup or dry powder for pediatric use, said combination comprising artemisinin, piperazine and primaquine in following ratio ranges:

artemisinin 1 part

piperazine 3-8 parts

primaquine 0-0.2 part,

the optimum ratio being 1:6:0.6.

2. The combination comprising artemisinin according to claim 1, wherein the primaquine can be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin + piperazine.

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Abstract

The present invention provides a novel combination comprising artemisinin in the form of tablets and related dosage forms for pediatric use, such as granules, suppository, suspension syrup and dry powder, for the treatment of human malarial including multiple-resistant subtertian malaria, tertian malaria and quartan malaria. Said combination is comprised of artemisinin, piperazine and primaquine. Clinical tests in Southeast Asia countries where malaria is epidemic demonstrate that, apart from having high and rapid therapeutic effect possessed by the most excellent domestic and foreign artemisinin-type anti-malarial drugs, the present combination is also featured with shorter course of treatment, less side effect, lower material cost, and more convenience for administration, and its ability of rapidly killing gametophyte and cutting off infection source thereby blocking spreading of malaria is a further improvement.

#

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- 1) A copy of amendment has markings to show
the change
(specification 3 pages; claims 1 page ; abstract
1 page)
- 2) Clean copy
(specification 3 pages; claims 1 pages ;
abstract 1 page)

Combination comprising artemisinin

Technical field

The present invention relates to medicaments for the treatment of malaria, in particular to a combination comprising artemisinin having high and rapid therapeutic effect.

Background art

Among the prior art anti-malaria drugs, some employ artemisinin derivatives (such as dihydroartemisinin, arteunate, artether, arteether) in conjunction with piperazine having a long half-life. GI tract side effects such as nausea and vomiting due to substantial amount of phosphates adversely affect the therapeutic effects, with incidence of up to 10% when the total amount for one course is divided into 3 doses, and reduced to 3-5% when divided into 4 doses. In addition, the prior art anti-malaria drugs suffer from the disadvantages of long processing period, high production cost, short shelf life, large dosage and the like.

说明书 1, which results in long course of treatment, and requires plasma; some employ phosphates of piperazine and primaquine, which have substantial therapeutic effect due to GI tract side effects of anti phosphates.

Disclosure of the invention

The object of the present invention is to overcome the shortcomings in the prior art by providing a combination comprising artemisinin, which requires shorter course of treatment, with less side effect, lower production cost, more convenience for administration, as well as high and rapid therapeutic effect.

The object of the present invention is achieved by a combination comprising artemisinin, which can be formulated into tablets and granules, suppository, suspension syrup or dry powder for pediatric use. The combination comprises artemisinin, piperazine and primaquine in following ratio ranges:

artemisinin, 1 part

piperazine, 5 parts

primaquine, 0-0.05 part

说明书 内容: 3-4

说明书 内容: 0.2

13

the optimum ratio being 1:5:1/24.

附註內容: 1:5:1/24

The primaquine can also be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin and piperazine.

It has been shown through clinical trials of more than 600 cases of multiple-resistant subtertian malaria, tertian malaria and quartan malaria that the present drug is characterized by rapid and high therapeutic effect, low toxicity, short course of treatment, and ability of rapidly eliminating infection source to block spreading of malaria, which is obviously superior to domestic and foreign drugs of the same class in terms of therapeutic effect and function.

Embodiment of the invention

The formulation is as follows:

Artemisinin	100 g
Piperazine	750 g
Primaquine	5 g
Adjuvant (hydroxypropyl cellulose and etc.)	q.s.
to produce	1,000 Tablets

附註內容: 100

附註內容: 7500

The preparation process

Qualified materials are respectively crushed and pass through a screen of 100 meshes. The materials and adjuvant are accurately weighed according to the formulation, and the individual ingredients are homogeneously mixed and compressed into tablets or prepared into various dosage forms for pediatric use, which are then packed to give the finished product.

The present combination comprising artemisinin is useful in the treatment of various malarial (human malaria such as subtertian malaria, tertian malaria and quartan malaria), in particular multiple-resistant subtertian malaria. The

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total dosage for an adult is 2 tablets, with 1 tablet per day.

Primaquine is contained in the present combination in an amount of only 5 mg per tablet, which is the daily dosage and taken for only two days. This dosage is reduced by 82% as compared with a conventional dosage of 37.5 mg in three days. Its use in conjunction with artemisinin, as proved by experiment, can lead to the gametophyte of plasmodium falciparum losing its infectivity completely by 24 h after the first dose, thereby blocking its propagation without any side effect. It is one particular feature possessed by the present combination using an ultra-low dose of primaquine.

Due to its advantages including lower material cost, smaller size, shorter course of treatment, and more convenience for administration (2 tablets in two days for an adult) as well as ability of substantially killing gametophyte to block spreading of malaria, as compared with any artemisinin combinations, the present combination can favorably enter national state hospitals in developing countries at a relatively low price, and is in the interest of global application and dissemination of anti-malaria measures.

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Claims:

1. A combination comprising artemisinin, which can be formulated into tablets or granules, suppository, suspension syrup or dry powder for pediatric use, said combination comprising artemisinin, piperazine and primaquine in following ratio ranges:

artemisinin 1 part

piperazine 5 parts

primaquine 0-0.05 part

the optimum ratio being 1:5:0.04.

國際國內藥: 1-5

國際國內藥: 0.1

國際國內藥: 1:5:0.04

2. The combination comprising artemisinin according to claim 1, wherein the primaquine can be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin + piperazine.

Abstract

The present invention provides a novel combination comprising artemisinin in the form of tablets and related dosage forms for pediatric use, such as granules, suppository, suspension syrup and dry powder, for the treatment of human malaria including multiple-resistant subtertian malaria, tertian malaria and quartan malaria. Said combination is comprised of artemisinin, piperquine and primaquine. Clinical tests in Southeast Asia countries where malaria is epidemic demonstrate that, apart from having high and rapid therapeutic effect possessed by the most excellent domestic and foreign artemisinin-type anti-malarial drugs, the present combination is also featured with shorter course of treatment, less side effect, lower material cost, and more convenience for administration, and its ability of rapidly killing gametophyte and cutting off infection source thereby blocking spreading of malaria is a further improvement.

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Combination comprising artemisinin

Technical field

The present invention relates to medicaments for the treatment of malaria, in particular to a combination comprising artemisinin having high and rapid therapeutic effect.

Background art

Among the prior art anti-malaria drugs, some employ artemisinin derivatives (such as dihydroartemisinin, artesunate, artemether, arteether) in conjunction with piperaquine having a long half-life. GI tract side effects such as nausea and vomiting due to substantial amount of phosphates adversely affect the therapeutic effects, with incidence of up to 10% when the total amount for one course is divided into 3 doses, and reduced to 3-5% when divided into 4 doses. In addition, the prior art anti-malaria drugs suffer from the disadvantages of long processing period, high production cost, short shelf life, large dosage and the like.

Disclosure of the invention

The object of the present invention is to overcome the shortcomings in the prior art by providing a combination comprising artemisinin, which requires shorter course of treatment, with less side effect, lower production cost, more convenience for administration, as well as high and rapid therapeutic effect.

The object of the present invention is achieved by a combination comprising artemisinin, which can be formulated into tablets and granules, suppository, suspension syrup or dry powder for pediatric use. The combination comprises artemisinin, piperaquine and primaquine in following ratio ranges:

- artemisinin, 1 part
- piperaquine, 5 parts
- primaquine, 0-0.05 part,

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the optimum ratio being 1:8:0.04.

The primaquine can also be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin and piperazine.

It has been shown through clinical trials of more than 600 cases of multiple-resistant subtertian malaria, tertian malaria and quartan malaria that the present drug is characterized by rapid and high therapeutic effect, low toxicity, short course of treatment, and ability of rapidly eliminating infection source to block spreading of malaria, which is obviously superior to domestic and foreign drugs of the same class in terms of therapeutic effect and function.

Embodiment of the invention

The formulation is as follows:

Artemisinin	180 g
Piperazine	750 g
Primaquine	6 g
Adjuvant (hydroxypropyl cellulose and etc.)	q.s.
to produce	1,000 Tablets

The preparation process

Qualified materials are respectively crushed and pass through a screen of 100 meshes. The materials and adjuvant are accurately weighed according to the formulation, and the individual ingredients are homogeneously mixed and compressed into tablets or prepared into various dosage forms for pediatric use, which are then packed to give the finished product.

The present combination comprising artemisinin is useful in the treatment of various malaras (human malaria such as subtertian malaria, tertian malaria and quartan malaria), in particular multiple-resistant subtertian malaria. The

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total dosage for an adult is 2 tablets, with 1 tablet per day.

Primaquine is contained in the present combination in an amount of only 8 mg per tablet, which is the daily dosage and taken for only two days. This dosage is reduced by 82% as compared with a conventional dosage of 67.5 mg in three days. Its use in conjunction with artemisinin, as proved by experiment, can lead to the gametophyte of *plasmodium falciparum* losing its infectivity completely by 24 h after the first dose, thereby blocking its propagation without any side effect. It is one particular feature possessed by the present combination using an ultra-low dose of primaquine.

Due to its advantages including lower material cost, smaller size, shorter course of treatment, and more convenience for administration (2 tablets in two days for an adult) as well as ability of substantially killing gametophyte to block spreading of malaria, as compared with any artemisinin combinations, the present combination can favorably enter national state hospitals in developing countries at a relatively low price, and is in the interest of global application and dissemination of anti-malaria measures.

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19**Claims:**

1. A combination comprising artemisinin, which can be formulated into tablets or granules, suppository, suspension syrup or dry powder for pediatric use, said combination comprising artemisinin, piperaquine and primaquine in following ratio ranges:

artemisinin 1 part

piperaquine 5 parts

primaquine 0-0.05 part.

the optimum ratio being 1:5:0.04.

2. The combination comprising artemisinin according to claim 1, wherein the primaquine can be formulated into a separate tablet to be taken along with a tablet of mixed artemisinin + piperaquine.

21
20

Abstract

The present invention provides a novel combination comprising artemisinin in the form of tablets and related dosage forms for pediatric use, such as granules, suppository, suspension syrup and dry powder, for the treatment of human malaras including multiple-resistant subtertian malaria, tertian malaria and quartan malaria. Said combination is comprised of artemisinin, piperazine and primaquine. Clinical tests in Southeast Asia countries where malaria is epidemic demonstrate that, apart from having high and rapid therapeutic effect possessed by the most excellent domestic and foreign artemisinin-type anti-malarial drugs, the present combination is also featured with shorter course of treatment, less side effect, lower material cost, and more convenience for administration, and its ability of rapidly killing gametophyte and cutting off infection source thereby blocking spreading of malaria is a further improvement.

22/2/

**FIRST NOTICE INFORMING THE APPLICANT OF
THE COMMUNICATION OF THE INTERNATIONAL
APPLICATION (TO DESIGNATED OFFICES WHICH
DO NOT APPLY THE 30 MONTH TIME LIMIT
UNDER ARTICLE 22(1))**

(PCT Rule 47.1(c))

Te:

GUANGZHOU NANFENG PATENT AGENT LIMITED
2/F, Experiment Bldy., NO. 100
Xianle Road, M.
Guangzhou
Guangdong 510070
SENEGAL

Date of mailing (day/month/year)
28 April 2005 (28.04.2005)

Applicant's or Agent's ID reference
NF20040003

IMPORTANT NOTICE

International application No.
PCT/CN2004/001064

International filing date (day/month/year)
20 September 2004 (20.09.2004)

Priority date (day/month/year)
26 September 2003 (29.09.2003)

Application

L.L. Gundlach et al.

1. **ATTENTION:** For any designated Office(s), for which the time limit under Article 23(1), as in force from 1 April 2002 (30 months from the priority date), does apply, please see Form PCT/IB/322(Second and Supplementary Notice) to be issued promptly after the expiration of 28 months from the priority date).
2. Notice is hereby given that the following designated Office(s), for which the time limit under Article 23(1), as in force from 1 April 2002, does not apply, has/have requested that the communication of the international application, as provided for in Article 29, be effected under Rule 934a.1. The International Bureau has effected this communication on the date indicated below:
- 07 April 2005 (07.04.2005)

CH 160 ±

In accordance with Rule 47.1(e-b)(X), these Officers will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Officers, for which the time limit under Article XX(1), as in force from 1 April 2002, does not apply, have not requested, as at the time of sending of the present notice, that the communication of the international application be effected under Rule 93bis.1:

LU, SE, TZ, UG, ZM 卢森堡、瑞典、印度尼西亚、马来西亚、捷克共和国

In accordance with Rule 47.1(c-bv)(ii), these Officers accept the present copies as conclusive evidence that the Contracting State for which that Officer acts as a designated Officer does not require the furnishing, under Article 22, by the applicant of a copy of the International notification.

4. **TIME LIMITS** for entry into the national phase 上述期限自 9.4.20 年进入

For the designated Office(s) listed above, and unless a demand for international preliminary examination has been filed before the expiration of 19 months from the priority date (see Article 39(1)), the applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 20 MONTHS from the priority date.

In practice, these limits other than the 24-month time limit will continue to apply, for various periods of time, in respect of certain of the designated Offices listed above. For regular updates on the applicable time limits (20 or 21 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's sole responsibility to monitor all these New Limits.

The International Bureau of WPO
34, chemin des Colombettes
1211 GENEVE 20, Switzerland

Presidents (N=4) 740 14 35

Authorized Officer

Nora Lindner

File# 100-44137-338-19-65

PATENT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

GUANGZHOU NANFENG PATENT AGENT
LIMITED
2/F, Exportment Bldy., NO. 100
Xianlie Road, M.
Gunnghou
Guangdong 510070
Senegal

Date of mailing (day/month/year) 06 December 2004 (06.12.2004)	
Applicant's or agent's file reference NF20040003	IMPORTANT NOTIFICATION
International application No. PCT/CN2004/001064	International filing date (day/month/year) 20 September 2004 (20.09.2004)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 26 September 2003 (26.09.2003)
Applicant LI, Guoqiao et al	

1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
3. (If applicable) An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as a priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

Priority date	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
26 Sept 2003 (26.09.2003)	03146951.5	CN	01 Dec 2004 (01.12.2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Rodrigo GARCIA CONDE
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SUPERINTENDENCIA

23

Delegatura de Propiedad Industrial División de Nuevas Creaciones

REQUISITOS NECESARIOS PARA PRESENTACIÓN Y AGILIZACIÓN DEL TRAMITE

	USUARIO	RADICADOR
PATENTE DE INVENCION (☒) MODELO DE UTILIDAD ()	()	()
-Indicación de que se solicita la concesión de una patente	()	(☒)
-Datos de identificación del solicitante o de la persona que se presenta la solicitud.	()	(☒)
-Descripción de la invención.	()	(☒)
-Dibujos de ser estos pertinentes	()	(☒)
-Comprobante de Pago de las tasas establecidas.	()	(☒)
COMPLETA () INCOMPLETA ()	()	()
DISEÑO INDUSTRIAL ()		
-Indicación de que se solicita el registro de Diseño Industrial.	()	()
-Datos de identificación del solicitante o de la persona que se presenta la solicitud.	()	()
-Representación gráfica y fotográfica del Diseño Industrial o muestra del Material que incorpora el diseño.	()	()
-Comprobante de Pago de las tasas establecidas.	()	()
COMPLETA () INCOMPLETA ()	()	()
ESQUEMA DE TRAZADO ()		
-Indicación de que se solicita el registro de Diseño Industrial.	()	()
-Datos de identificación del solicitante o de la persona que se presenta la solicitud.	()	()
-Representación gráfica del Esquema Trazado.	()	()
-Comprobante de Pago de las tasas establecidas.	()	()
COMPLETA () INCOMPLETA ()	()	()

Firma Responsable:

Fecha:


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SUFINTENDENCIA

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☐ Patente de Modelo de Utilidad.

☒ Capítulo I.

☐ Capítulo II.

②

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Cual

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