[19] Patents Registry
The Hong Kong Special Administrative Region
香港特別行政區
專利註冊處

[11] 1124090 B EP 1994139 B1

[12]

STANDARD PATENT SPECIFICATION 標準專利說明書

[21] Application No. 申請編號 09104000.1 [51] Int.C1.8 C12N A61K

Date of filing 提交日期

30.04.2009

[54] LIVE ATTENUATED BORDETELLA STRAINS AS A SINGLE DOSE VACCINE AGAINST WHOOPING COUGH 活稀釋博德特氏菌屬菌株作為一種治療百日咳的單劑量疫苗

[30] Priority 優先權

10.03.2006 US 60/780.827

30.06.2006 US 60/817,430

[43] Date of publication of application 申請發表日期 03,07,2009

[45] Publication of the grant of the patent 批予專利的發表日期 21.07.2017

EP Application No. & Date 歐洲專利申請編號及日期

EP 07711815,6 07.03,2007

BP Publication No. & Date 歐洲專利申請發表編號及日期

EP 1994139 26,11,2008

Date of Grant in Designated Patent Office 指定專利當局批予專利日期

13.07,2016

[73] Proprietor 專利所有人

INSTITUT PASTEUR DE LILLE

1, RUE DU PROFESSEUR

CALMETTE BP 245

59019 LILLE CÉDEX

FRANCE

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

(INSERM)

101, RUE DE TOLBIAC

75654 PARIS CÉDEX 13

FRANCE

[72] Inventor 發明人

LOCHT, Camille

MIELCAREK, Nathalie

DEBRIE, Anne-Sophie

RAZE, Dominique

BERTOUT, Julie

[74] Agent and / or address for service 代理人及/或送達地址

IT&T Intellectual Property

1/F, Everglory Centre

1B Kimberley Street

Tsim Sha Tsui

Kowloon HONG KONG

知識產權署專利註冊處 Patents Registry Intellectual Property Department



香港特別行政區政府 The Government of the Hong Kong Special Administrative Region

批予標準專利證明書

《專利條例》(第514章)

CERTIFICATE OF GRANT OF STANDARD PATENT

Patents Ordinance (Chapter 514)

茲證明下述標準專利在今日批予:

I hereby certify that a standard patent with the following particulars has been granted today:

專利所有人姓名或名稱及地址 Name and Address of Proprietor:

INSTITUT PASTEUR DE LILLE 1, RUE DU PROFESSEUR

CALMETTE BP 245

59019 LILLE CÉDEX

FRANCE

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)

101, RUE DE TOLBIAC

75654 PARIS CÉDEX 13

FRANCE

專利編號 Patent No.: HK1124090 申請編號 Application No.: 09104000.1

發明名稱 Title of Invention:

活稀釋博德特氏菌屬菌株作為一種治療百日咳的單劑量疫苗 LIVE ATTENUATED BORDETELLA STRAINS AS A SINGLE DOSE VACCINE AGAINST WHOOPING COUGH

標準專利有效期 (在符合續期的規定下) Term of Standard Patent (subject to renewal):

由 07.03.2007 起計 20 年

Twenty years commencing on 07.03.2007

日期: 2017年7月21日

Date: 21 July, 2017

專利註冊處處長梁家麗

Ada K.L. Leung Registrar of Patents

註: 1. 標準專利的有效期最長為 20 年,由專利申請的當作提交日期起計。專利所有人須遵照《專利條例》及《專 Note: 利(一般)規則》的規定,繳付訂明的續期費,維持專利有效。繳付續期費時,須一併遞交指明的專利續 期表格。

The term of a standard patent is up to a maximum of 20 years from the deemed date of filing of the patent application. The proprietor shall pay the prescribed renewal fees in accordance with the Patents Ordinance and the Patents (General) Rules to keep the patent in force. Fees should be accompanied by the specified patent renewal form.

〈專利條例〉第 39(2)條規定,須以專利的當作提交日期在批予專利後第一個周年日起計,在第 3 年或繼後任何--年(視屬何情況而定)屆滿前,繳付續期費再維持專利有效一年,但不得早於屆滿日期 3 個月前繳付。

Under section 39(2) of the Patents Ordinance, to keep the patent in force for a further year after the expiry of the 3rd or any succeeding year from the anniversary of the deemed date of filing of the standard patent first occurring after the date of grant, the renewal fee shall be paid before the expiry of that 3rd or, as the case may be, succeeding year but not earlier than a date 3 months before that expiry.

如專利註冊處在上述期限內沒有收到有關表格及續期費,則在期限屆滿後6個月內繳付的續期費,必須連同訂明的逾期附加費一併繳交。如專利註冊處未能在訂明期限內收到有關費用,專利便會停止有效。 If the form and fee are not lodged with the Patents Registry within the above-mentioned period, any renewal fee paid within the period of 6 months after the end of that expiry shall be accompanied by the prescribed additional fee for late payment. If no fee is received within the prescribed period, the patent will cease to have effect.

2. 本專利的擁有權如有改變,或所有人的姓名/名稱及/或地址/送達地址改變,必須立刻向專利註冊處處長申請更改註冊。

Upon any change of ownership of this patent, or change of name and/or address/address for service of the proprietor, application should AT ONCE be made to the Registrar of Patents to register the change.