

A12

# アジア各国特許庁の審査期間の調査

2013年10月10日

アジア特許情報研究会

○藤田明(JFEテクノロジー)

中西昌弘(オリンパスメディカルシステムズ)

太細博利(昭和シェル石油)

道中孝徳(UMG・ABS)

# 目次

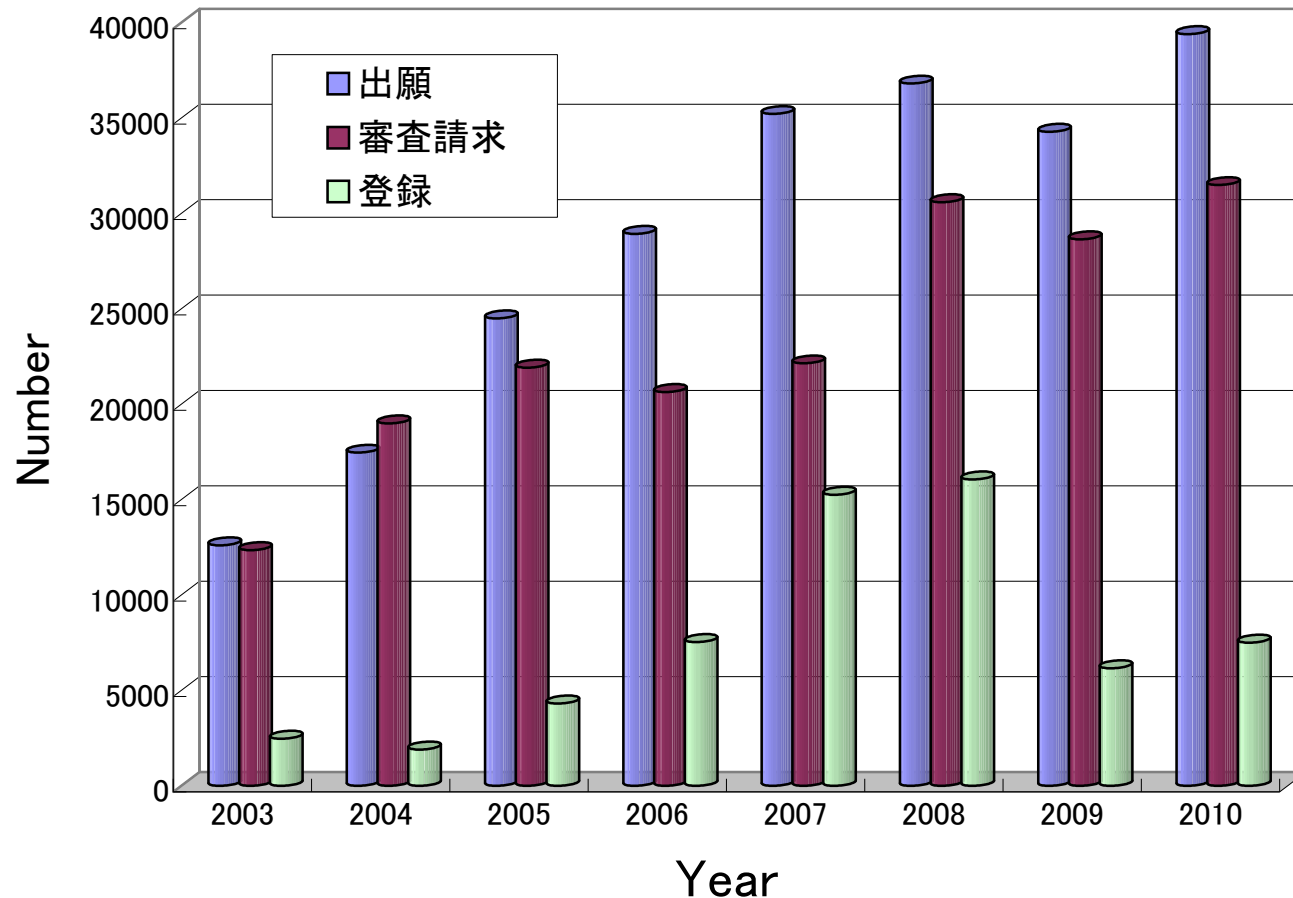
1. はじめに
2. 調査方法
3. 調査結果
  - 3-1. ベトナム
  - 3-2. インド
  - 3-3. シンガポール
4. おわりに

# 1. はじめに

## この調査の背景

- ・アジア諸国で特許出願数の急増
- ・それぞれの特許制度、特許出願ルート
- ・出願手続き / 経過期間

## インドにおける特許出願の推移



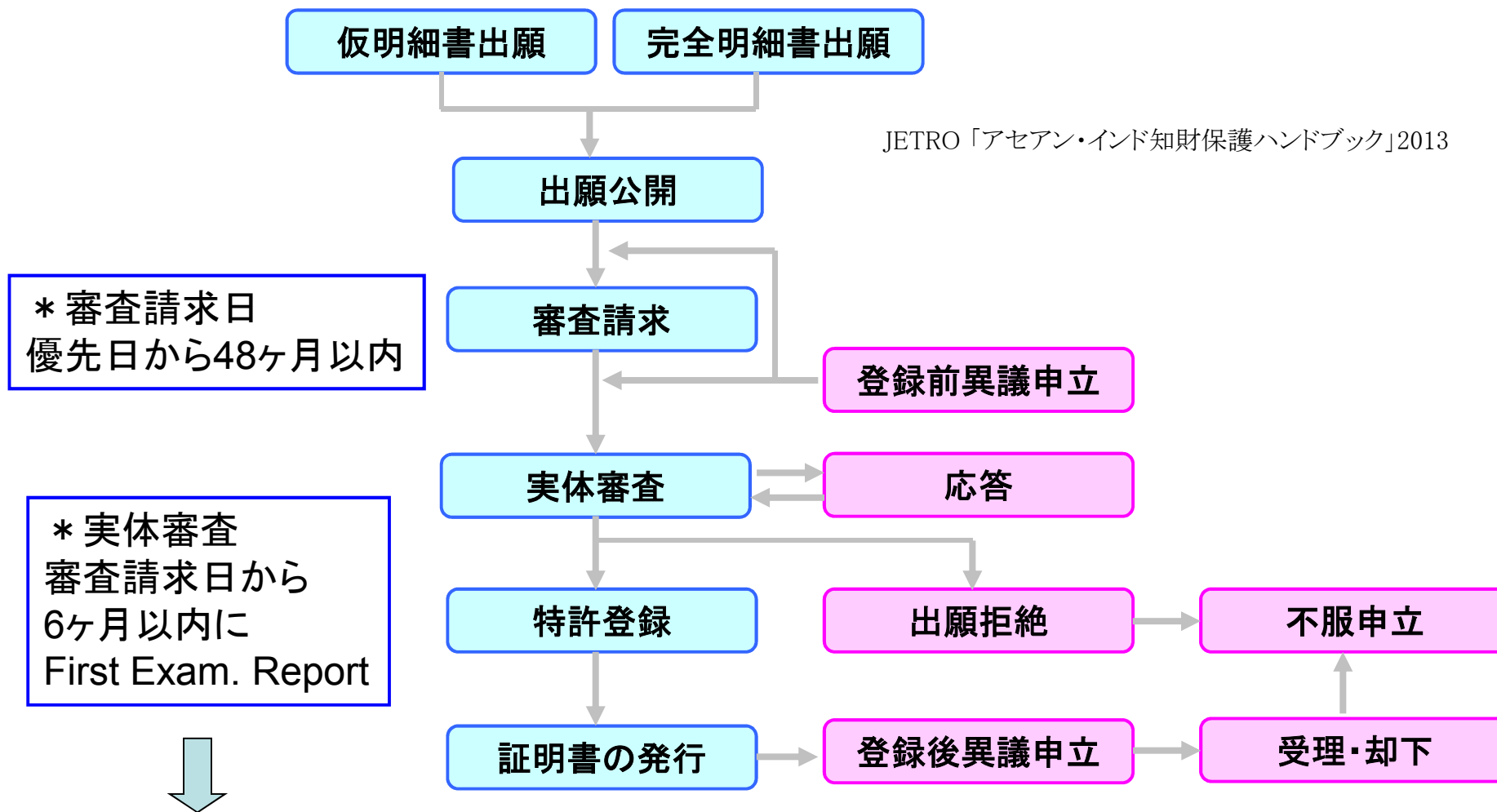
審査請求数増



登録数の落込み

Annual Report (2010-2011) of the Office of the Controller General of Patents, Designs, Trade Marks and Geographical Indication

# インド 特許出願手続きフロー



約26～62ヶ月の期間を要するとの報告（JETROレポート:2013年6月18日）

実際はどのくらいの期間を要するのか？  
早い審査と遅い審査でどのくらいの差があるか？

## 本調査の目的

- ・アジア各国での特許成立に要する期間について現状を把握する。
- ・各国特許庁の公表している情報から何がわかるか、明確にする。
  - ベトナム、インド、シンガポールの3ヶ国について調査

## 2. 調査方法

(1) 各国特許出願の流れ 「アセアン・インド知財保護ハンドブック」  
2013 JETRO

### (2) 特許経過情報

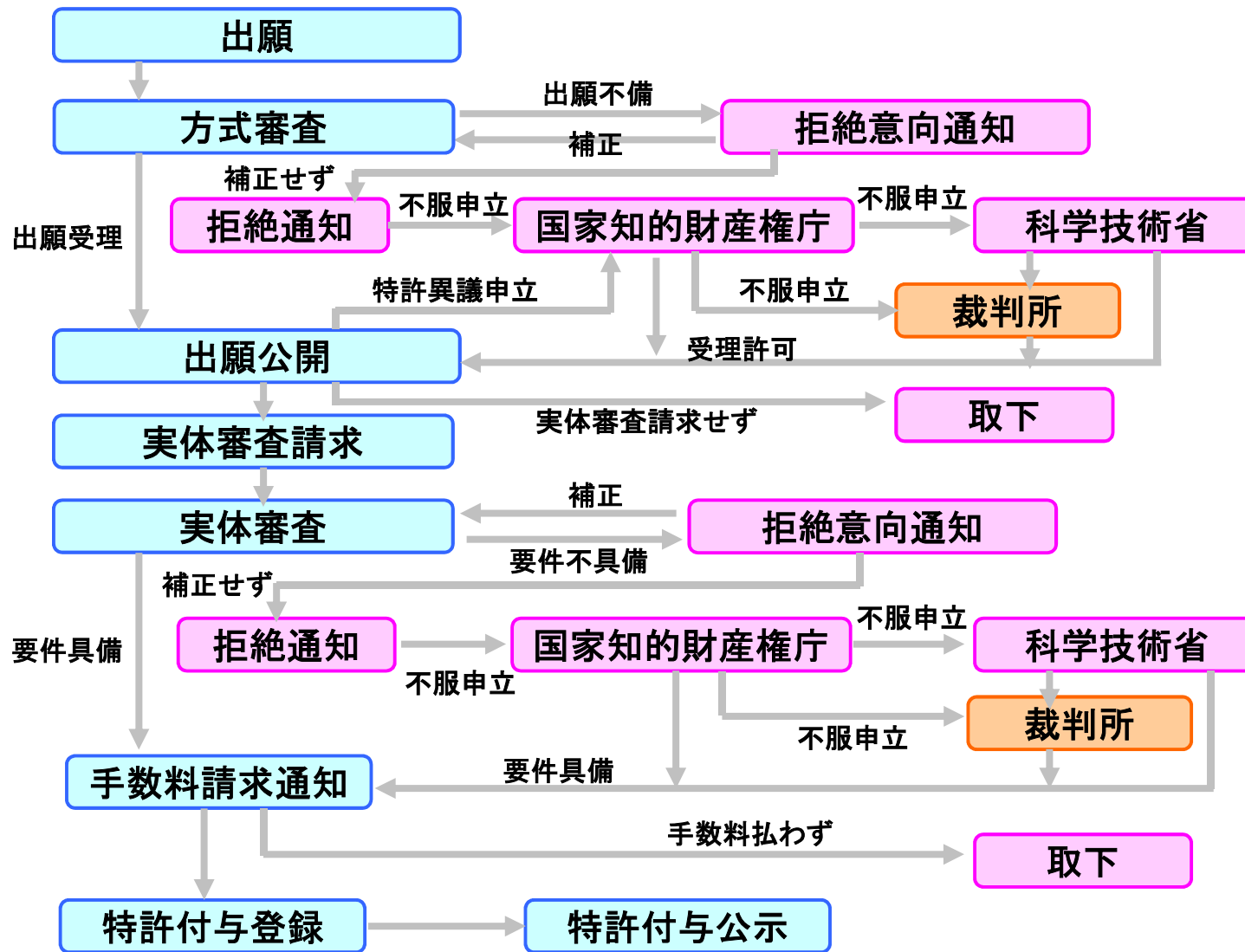
ベトナム特許庁HP <http://iplib.noip.gov.vn/WebUI/WLogin.php>  
(IP LIB)

インド特許庁HP <http://ipindiaservices.gov.in/patentsearch/search/index.aspx>  
(IPAIRS)

シンガポール特許庁HP <http://www.epatents.gov.sg/PE/>  
(IPOS ePatents)

全体の出願動向の調査  
インド特許データベース MCPaIRS (Molecular Connections)

# ベトナム特許 特許出願手続きフロー





# ベトナム特許庁HP

http://iplib.noip.gov.vn/WebUI/WLogin.php

**IP Lib** NATIONAL OFFICE OF INTELLECTUAL PROPERTY OF VIETNAM  
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English Tiếng Việt  
Mon, 29/04/2013 Home Help About

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[Patent](#)  
[Industrial Design](#)  
[Trade Mark](#)

**INTRODUCTION**

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In this web site you can search information on patent, industrial design, trade mark which is published **un-examined** or is **granted**. Please click on the link: **Patent**, **Industrial Design** or **Trade Mark** on the left side to go to query creation screen for each IP type.

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Japan - Vietnam Cooperation Project for Utilization of Intellectual Property Information in Vietnam

# 特許 書誌事項 1-2005-01229

# 法的状态(リーガルステイタス)

- Bibliographic**
- Description
- Claims
- Drawings
- Legal status**

1-2005-01229 - Bibliographic:

(11)	<b>Registration Number</b>	1-0006716-000		
(15)	<b>Registration Date</b>	26/11/2007	(51)7 <b>IPC</b>	H04N7/46, H04N7/26
(21)	<b>Application Number</b>	1-2005-01229	(22) <b>Filing Date</b>	20/02/2004
(86)	<b>PCT Number</b>	PCT/EP04/001658	(87) <b>International App.No</b>	WO04/080079A1 20/02/2004 16/09/2004
(30)	<b>Priority Number</b>	03290507.7	03/03/2003	EP
(45)	<b>PubB Date</b>	25/01/2008	238	(43) <b>PubA</b> 26/01/2006 214
(73)	<b>Right Holder Name</b>	THOMSON LICENSING (FR) 46, Quai A. Le Gallo, F-92100 Boulogne - Billancourt, France		
(72)	<b>Inventor Name</b>	GUILLEMOT, Christine (FR), ROBERT, Philippe (FR), VIERON, Jérôme (FR), MARQUANT, Gwenaëlle (FR), FRANCOIS, Edouard (FR), BOISSON, Guillaume (FR)		
(74)	<b>Agency Name</b>	Công ty TNHH Sở hữu trí tuệ Thảo Quyến (INVENCO)		
(54)	<b>Title</b>	PHƯƠNG PHÁP VÀ THIẾT BỊ MÃ HOÁ VÀ GIẢI MÃ CÓ THỂ THAY ĐỔI TỶ LỆ DÂY DỮ LIỆU VIDEO SỐ ĐẠN XEN		
(57)	<b>Abstract</b>	Sáng chế đề cập đến bộ mã hóa và bộ giải mã có thể thay đổi tỷ lệ tối đa dùng cho dữ liệu video đan xen. Sáng chế còn đề cập đến phương pháp mã hóa dữ liệu video số đan		

書誌事項に付された番号

# 法的状態(リーガルステイタス)

## 出願番号、書誌事項番号とChukan Codeを抽出

The screenshot shows the IP LIB website interface. At the top, there is a header with the logo 'IP Lib' and the text 'NATIONAL OFFICE OF INTELLECTUAL PROPERTY OF VIETNAM Industrial Property Digital Library (IP LIB)'. The date 'Mon, 29/04/2013' is displayed. There are language selection buttons for 'English' and 'Tiếng Việt'. Navigation links for 'Home', 'Help', and 'About' are present. Below the header, there is a search bar showing '1 of 15' results, with buttons for '<<', '>>', 'Hit list', and 'Last query'. A 'Translate' button is also visible. The main content area has tabs for 'Bibliographic', 'Description', 'Claims', 'Drawings', and 'Legal status'. The 'Legal status' tab is selected, showing the title '1-2005-01229 -Legal status'. Below this, there is a table with two columns: 'Expire Date' and 'Chukan Code'. The 'Expire Date' is '20/02/2024'. The 'Chukan Code' column lists several events with their dates and descriptions.

Expire Date	Chukan Code
20/02/2024	(12/12/2005) 221: Notification for Acceptance of Application
	(01/09/2006) 141: Request for Substantive Examination
	(13/11/2007) 151: Registration and Publication Fee Receipt
	(30/09/2005) 157: Submission the Power of Attorney (Original)
	(01/09/2006) 190: Submission of Other Documents
	(07/09/2005) 101: Applicant self request for amendment application
	(11/10/2005) 158: Deed of assignment
	(14/09/2007) 251: Notification on Grant

# ベトナム特許

## 主なイベントと書誌事項番号、Chukan Code

イベント	書誌事項番号、Chukan Code と英文名称
出願日	(22) Filing date
出願受理通知	221: Notification for Acceptance of Application
公開日	(43) Pub A
実体審査請求	141: Request for Substantive Examination
実体審査結果通知(拒絶)	243: Notification on Substantive Examination Result (Refusal)
実体審査結果請求	143: Request for Notification on Substantive Examination Results
特許付与通知	251: Notification on Grant
特許付与通知(補正後)	252: Notification on Grant (after response)
登録/公開手数料受領	151: Registration and Publication Fee Receipt
登録日	(15) Registration Date
登録公開日	(45) Pub B

# ベトナム特許

1996年～2012年(8月)に出願された特許

各イベントに日付が記されている → シート

出願番号	(11) Registration Number	(15) Registration Date	(22) Filing Date	(45) PubB Date	(43) PubA	実体審査請求 141	実体審査 結果請求 143	登録/公開料 受領 151	出願受理通知 221	実体審査 結果通知 (拒絶) 243	特許付与 通知 251
1-2007-00001			2007/01/02		2007/05/25	2007/10/25			2007/04/19		2008/12/26
1-2007-00002	1-0008428-000	2010/05/05	2005/05/23	2010/06/25	2007/12/25	2007/11/02	2009/04/23	2010/04/16	2007/11/08		
1-2007-00003			2007/01/02		2007/03/26				2007/01/30		
1-2007-00004	1-0008474-000	2010/05/24	2005/05/31	2010/06/25	2007/03/26		2009/03/19	2010/04/26	2007/02/14	2009/02/13	
1-2007-00005			2007/01/02		2007/03/26	2007/10/25	2008/12/10		2007/02/05	2008/10/15	
1-2007-00006			2007/01/02		2007/04/25	2007/11/01	2011/10/10		2007/07/05	2009/04/01	
1-2007-00007	1-0007646-000	2009/04/13	2005/06/02	2009/05/25	2007/04/25			2009/04/01	2007/03/22		2009/03/19
1-2007-00008			2007/01/02		2007/04/25				2007/03/12		
1-2007-00009			2007/01/03		2007/05/25	2007/12/20			2007/04/17		
1-2007-00010			2007/01/03		2007/04/25		2008/08/07		2007/03/08	2009/01/08	
1-2007-00011			2007/01/03		2007/04/25				2007/02/27		
1-2007-00012			2007/01/03		2007/05/25	2007/12/04			2007/04/12		
1-2007-00013			2007/01/03		2007/09/25				2007/08/07		
1-2007-00014	1-0008351-000	2010/03/29	2007/01/03	2010/05/25	2007/04/25			2010/03/16	2007/03/02		2010/03/11
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1-2007-00016			2007/01/04		2007/06/25	2007/12/04	2010/10/07		2007/05/25	2010/09/24	
1-2007-00017			2007/01/04		2007/03/26		2008/07/15		2007/02/14	2008/06/10	
1-2007-00018			2007/01/04		2007/10/25				2007/09/06		
1-2007-00019	1-0010092-000	2012/02/29	2005/06/28	2012/04/25	2007/06/25	2007/11/27	2011/10/27	2012/02/21	2007/05/24	2009/03/04	
1-2007-00020			2007/01/04		2007/04/25	2007/12/12			2007/03/08	2009/03/20	
1-2007-00021	1-0009098-000	2011/02/22	2007/01/04	2011/03/27	2007/08/27	2009/05/26		2011/02/11	2007/07/03		2011/01/21
1-2007-00022	1-0009544-000	2011/08/16	2007/01/04	2011/09/27	2007/07/25	2009/05/26		2011/07/26	2007/04/12		2011/07/08
1-2007-00023			2007/01/04		2007/05/25	2007/12/04			2007/04/17		
1-2007-00024			2007/01/05		2007/10/25	2007/12/07	2012/08/01		2007/09/26	2009/03/12	
1-2007-00025			2007/01/05		2007/06/25	2007/11/05			2007/05/02		
1-2007-00026	1-0008704-000	2010/08/25	2007/01/05	2010/10/25	2007/08/27	2009/03/20		2010/08/16	2007/05/09		2010/07/22
1-2007-00027			2007/01/05		2007/04/25	2007/10/15	2011/07/28		2007/03/15	2011/05/30	
1-2007-00028			2007/01/05		2007/04/25	2007/12/07	2009/05/11		2007/03/07	2011/10/13	
1-2007-00029			2007/01/05		2007/03/26	2007/03/19	2009/10/06		2007/02/02	2009/08/06	
1-2007-00030			2007/01/05		2007/04/25	2007/09/14	2009/06/02		2007/03/13	2009/02/04	

# ベトナム特許

代表的なステップの期間(月数)を算出

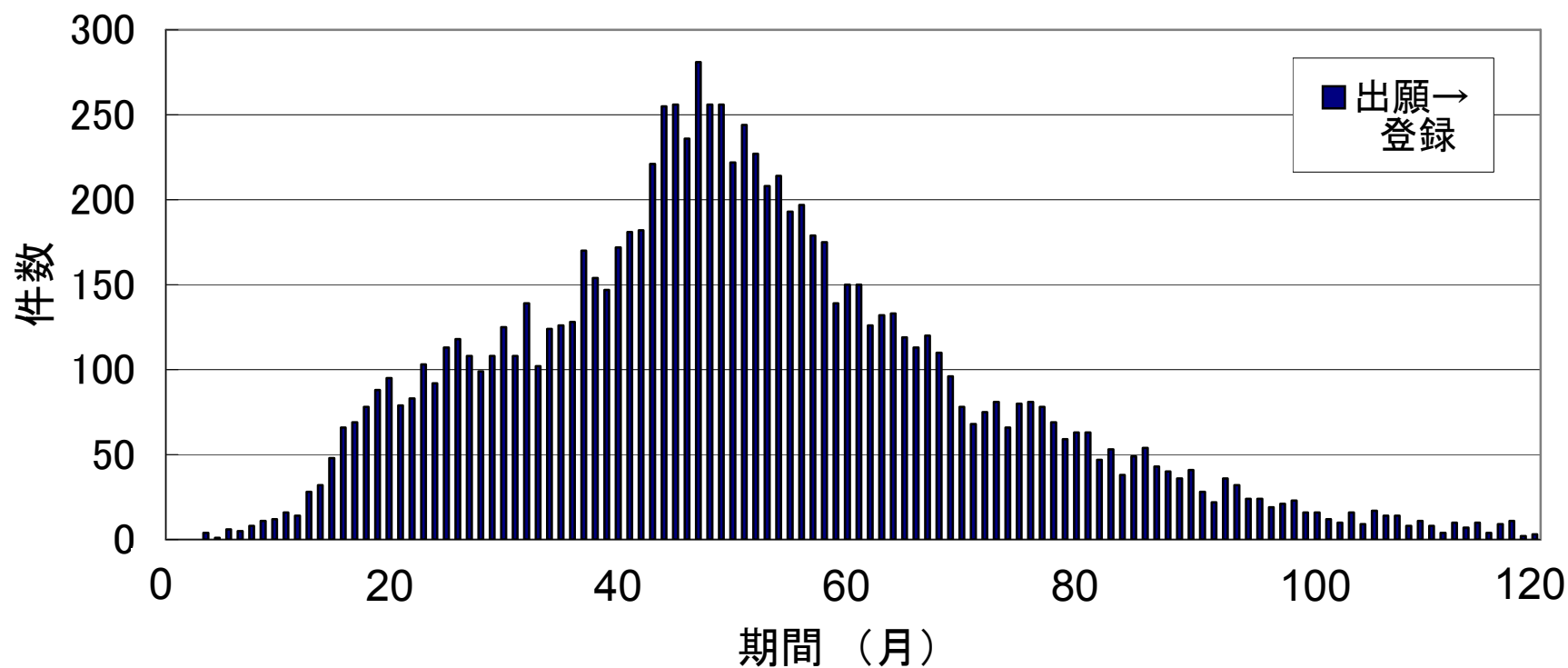
期間	計算式	最大	最小	平均	件数
出願→ 公開	(43)－(22)	123.4	0.1	11.5	32266
出願→ 登録	(15)－(22)	183.4	3.1	51.1	10052
登録→ 登録公示	(45)－(15)	109.5	0.7	1.7	9367
出願→出願受理	221－(22)	122.4	0.1	8.2	24962
出願受理→出願公開	(43)－221	37.5	0.2	2.7	24890
出願公開→実体審査請求	141－(43)	60.1	0.0	6.3	11240
実体審査請求→実体審査結果請求	143－141	124.5	0.0	26.8	5926
付与通知→ 登録	(15)－251	34.3	0.0	1.4	2609
付与通知→ 登録(補正後)	(15)－252	35.0	0.0	1.3	4659
付与通知→付与公示	(45)－251	36.2	1.1	2.9	2253
付与通知→付与公示(補正後)	(45)－252	36.3	1.3	2.9	4437
登録料受領→登録	151－(15)	19.9	0.0	0.4	7252
審査期間(拒絶)	243－141	124.3	0.7	21.6	4832
審査期間(受理)	251－141	107.7	0.8	21.8	1343
審査期間(補正後)	252－141	127.6	0.9	36.2	3093

# ベトナム特許

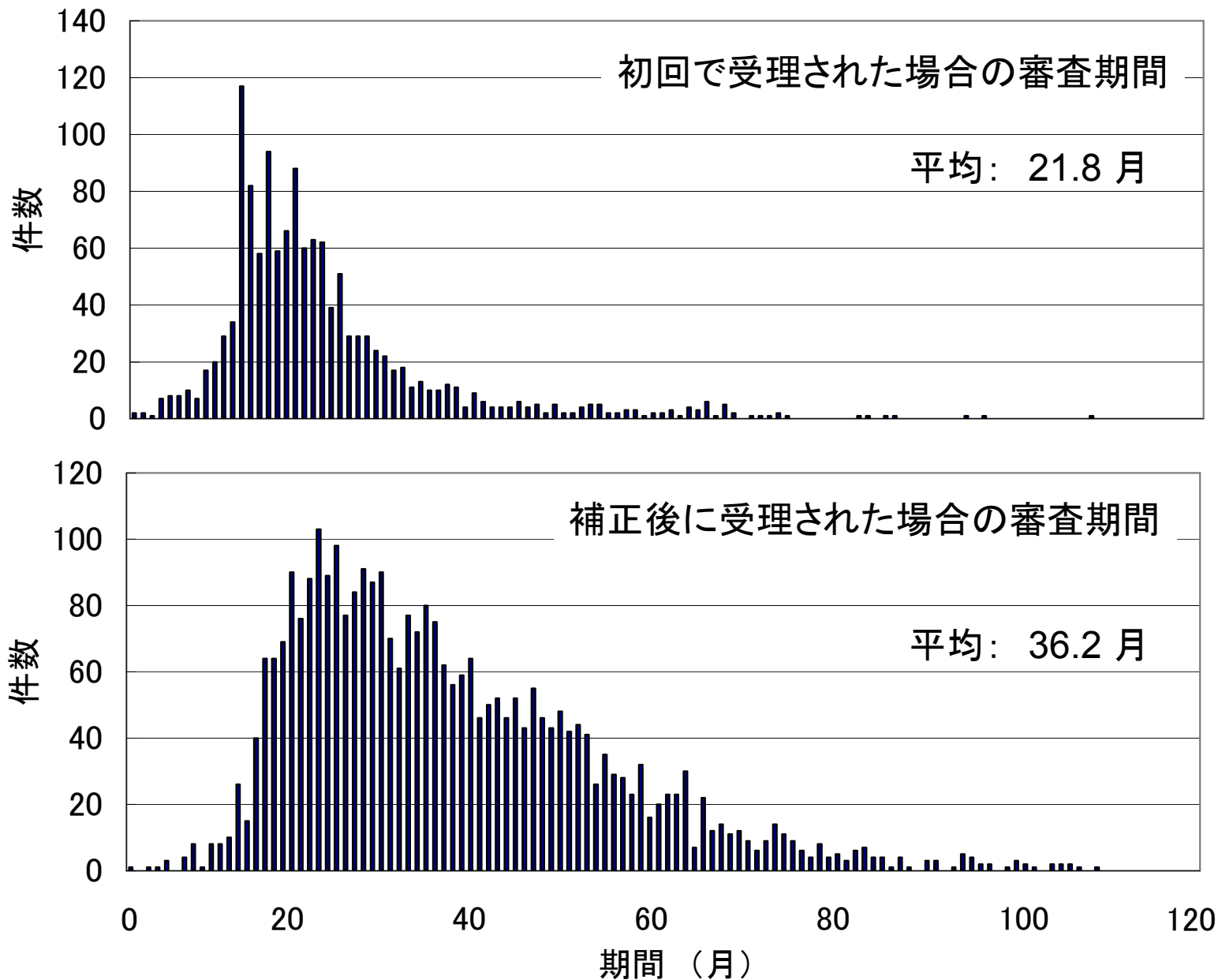
出願～登録までに要した期間(全件数)

最短 3.1月  
最長 183.4月  
平均 51.1月

正規分布に近い

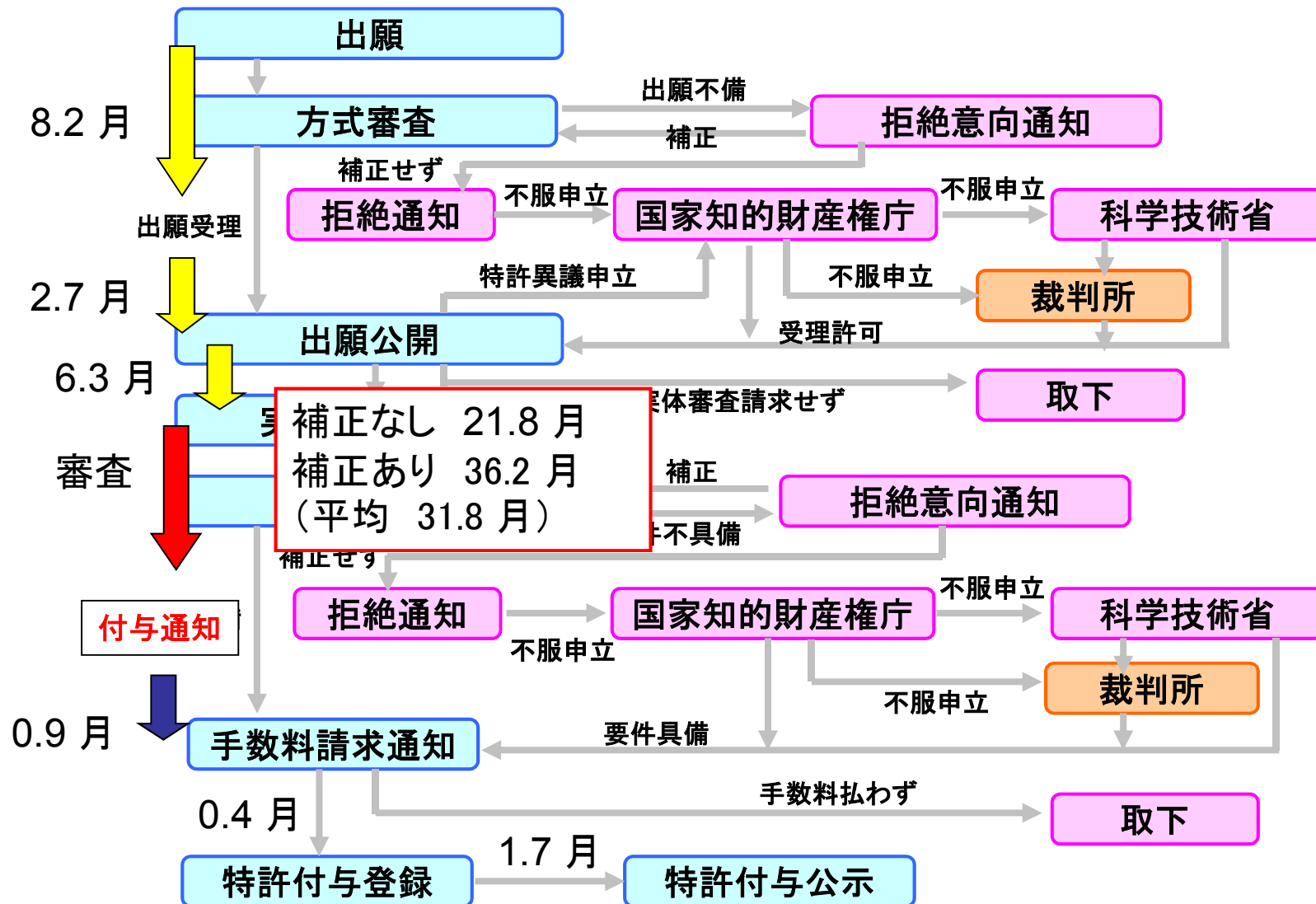


# ベトナム特許 審査期間(受理ならびに補正)の分布 全平均: 31.8 月



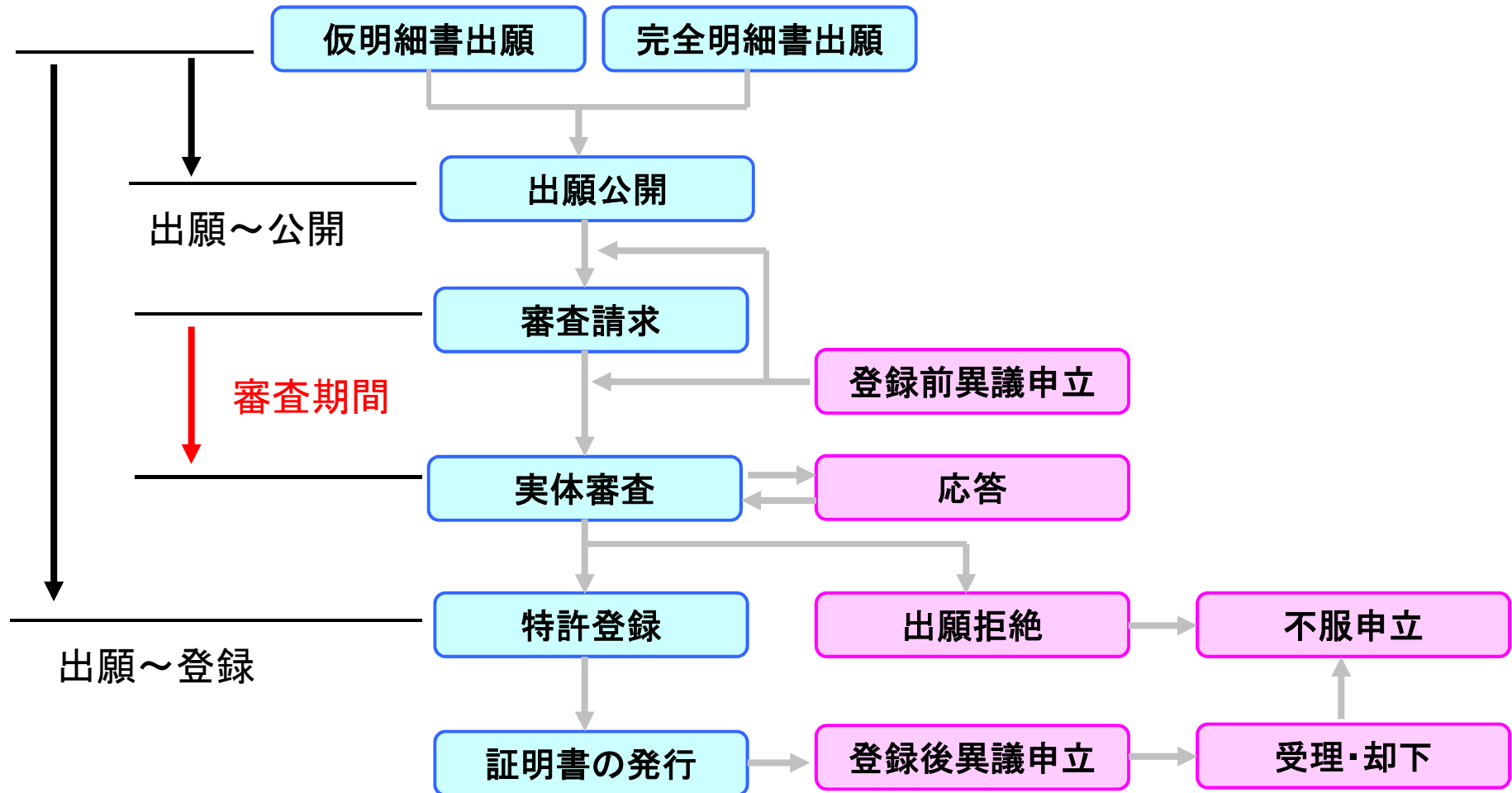


# ベトナム特許 特許出願手続きフロー 各ステップでかかる月数 (平均値)



# インド特許 特許出願手続きフロー

審査期間にどれくらい要するか？



JETRO「アセアン・インド知財保護ハンドブック」2013

# インド特許庁 (IPAIRS) による経過情報調査

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Granted Patents | Published Applications | **Application Status** | Agent Register

Application Number: 5392/DELNP/2006  
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Application Number Search Format  
Delhi  
172/DEL/2001 or 172/DELNP/2001  
Kolkata  
172/KOL/2001 or 172/KOLNP/2001 or 172/CAL/2001  
Mumbai  
172/MUM/2001 or 172/MUMNP/2001 or 172/BOM/2001  
Chennai  
172/CHE/2001 or 172/CHENP/2001 or 172/MAS/2001

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Patent Office, Delhi: [delhi-patent@nic.in](mailto:delhi-patent@nic.in)  
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# (1) Application Awaiting Examination



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Granted Patents

Published Applications

Application Status

Agent Register

Detail

APPLICATION NUMBER	5397/DELNP/2006
APPLICANT NAME	SHIN-ETSU CHEMICAL CO. LTD
DATE OF FILING	18/09/2006 14:17:45
PCT INTERNATIONAL FILING DATE	08/03/2005
PRIORITY DATE	19/03/2004
TITLE OF INVENTION	"METHOD OF MANUFACTURING GLASS BASE MATERIAL FOR OPTICAL FIBER."
PUBLICATION DATE (U/S 11A)	03/08/2007

Request For Examination Date

Application Status

Request For Examination Date	29/01/2008 12:25:44
Status	Application Awaiting Examination

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View Examination Report(s)


Order(s)/Decision(s)

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## (2) Application is under Examination



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Granted Patents

Published Applications

Application Status

Agent Register

Detail

APPLICATION NUMBER	5396/DELNP/2006
APPLICANT NAME	WARNER-LAMBERT COMPANY LLC
DATE OF FILING	18/09/2006 14:17:45
PCT INTERNATIONAL FILING DATE	04/04/2005
PRIORITY DATE	14/04/2004
TITLE OF INVENTION	"THERAPEUTIC COMBINATION FOR TREATMENT OF ALZHEIMERS DISEASE"
PUBLICATION DATE (U/S 11A)	03/08/2007

Request For Examination Date

Application Status	
Request For Examination Date	18/09/2006 14:17:45
Status	Application is under Examination Group: 1 (Chemistry And Allied Subjects)

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### (3) Application is under Examination



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Granted Patents
Published Applications
Application Status
Agent Register

Detail

APPLICATION NUMBER	5392/DELNP/2006
APPLICANT NAME	SCHERING AKTIENGESELLSCHAFT,
DATE OF FILING	18/09/2006 14:17:45
PCT INTERNATIONAL FILING DATE	21/04/2005
PRIORITY DATE	22/04/2004
TITLE OF INVENTION	"NOVEL CHIRAL HEPTYNE DERIVATIVES FOR THE PREPARATION OF EPOTHILONES AND PROCESSES FOR THEIR PREPARATION"
PUBLICATION DATE (U/S 11A)	03/08/2007

Application Status

Request For Examination Date	17/04/2008 15:04:43
First Examination Report Date	04/01/2012

Status

<p style="color: red; font-weight: bold; font-size: 1.2em;">Request For Examination Date</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">First Examination Report Date</p>	<p>Application is under Examination Group: 1 (Chemistry And Allied Subjects)</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

(4) Application is Under Hearing

The screenshot displays the IPAIRS Version 2.0 interface. At the top, it features the Intellectual Property India logo, the Government of India emblem, and the Controller General of Patents Designs and Trademarks. The main content area is titled 'Welcome to IPAIRS Version 2.0' and includes a navigation menu with 'Granted Patents', 'Published Applications', 'Application Status', and 'Agent Register'. The 'Application Status' section is active, showing a 'Detail' table with the following information:

APPLICATION NUMBER	5398/DELNP/2006
APPLICANT NAME	THERAVANCE, INC
DATE OF FILING	18/09/2006
DATE OF COMPLETE SPECIFICATION	18/09/2006
PCT INTERNATIONAL FILING DATE	06/04/2005
PRIORITY DATE	07/04/2004
TITLE OF INVENTION	"QUINOLINONE-CARBOXAMIDE COMPOUNDS AS 5-HT4 RECEPTOR AGONISTS"
PUBLICATION DATE (U/S 11A)	03/08/2007

Below the detail table is the 'Application Status' section, which includes a table with the following data:

Request For Examination Date	13/03/2008
First Examination Report Date	27/01/2012
Status	Application is Under Hearing Group: 1 (Chemistry And Allied Subjects)

At the bottom of the status section, there are several buttons: 'Print', 'Back Report', 'View Complete Specification', 'View E-register', 'View Examination Report(s)', 'Order(s)/Decision(s)', and 'View Documents'. Two red annotations are present: 'Request For Examination Date' with an arrow pointing to the first row of the status table, and 'First Examination Report Date' with an arrow pointing to the second row of the status table.

## (5) Granted Application, Patent Number :



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Granted Patents

Published Applications

Application Status

Agent Register

Detail

APPLICATION NUMBER	5404/DELNP/2006
APPLICANT NAME	THE PROCTER & GAMBLE COMPANY
DATE OF FILING	18/09/2006 15:21:21
PCT INTERNATIONAL FILING DATE	02/03/2005
PRIORITY DATE	02/03/2004
TITLE OF INVENTION	PREPATION OF FOAM MATERIALS FROM HIGH INTERNAL PHASE EMULSIONS
PUBLICATION DATE (U/S 11A)	03/08/2007
POST GRANT JOURNAL DATE (U/S 43(2))	26/06/2009

Date Of Certificate Issue

Application Status

Date Of Certificate Issue	15/06/2009 15:54:02
Status	Granted Application, Patent Number : 234481

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[Order\(s\)/Decision\(s\)](#)

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# インド特許 審査請求をしてから登録となるまで

審査に要する時間

$$= \text{First Examination Report Date} - \text{Request for Examination Date}$$

(1) Application Awaiting Examination

(2) Application is under Examination

(3) Application is under Examination

(4) Application is Under Hearing

(5) Granted Application, Patent Number :

(6) Deemed to be Withdrawn U/S 11B(4)

(7) Application Refused U/S 15

(8) Application Abandoned U/S 21(1)

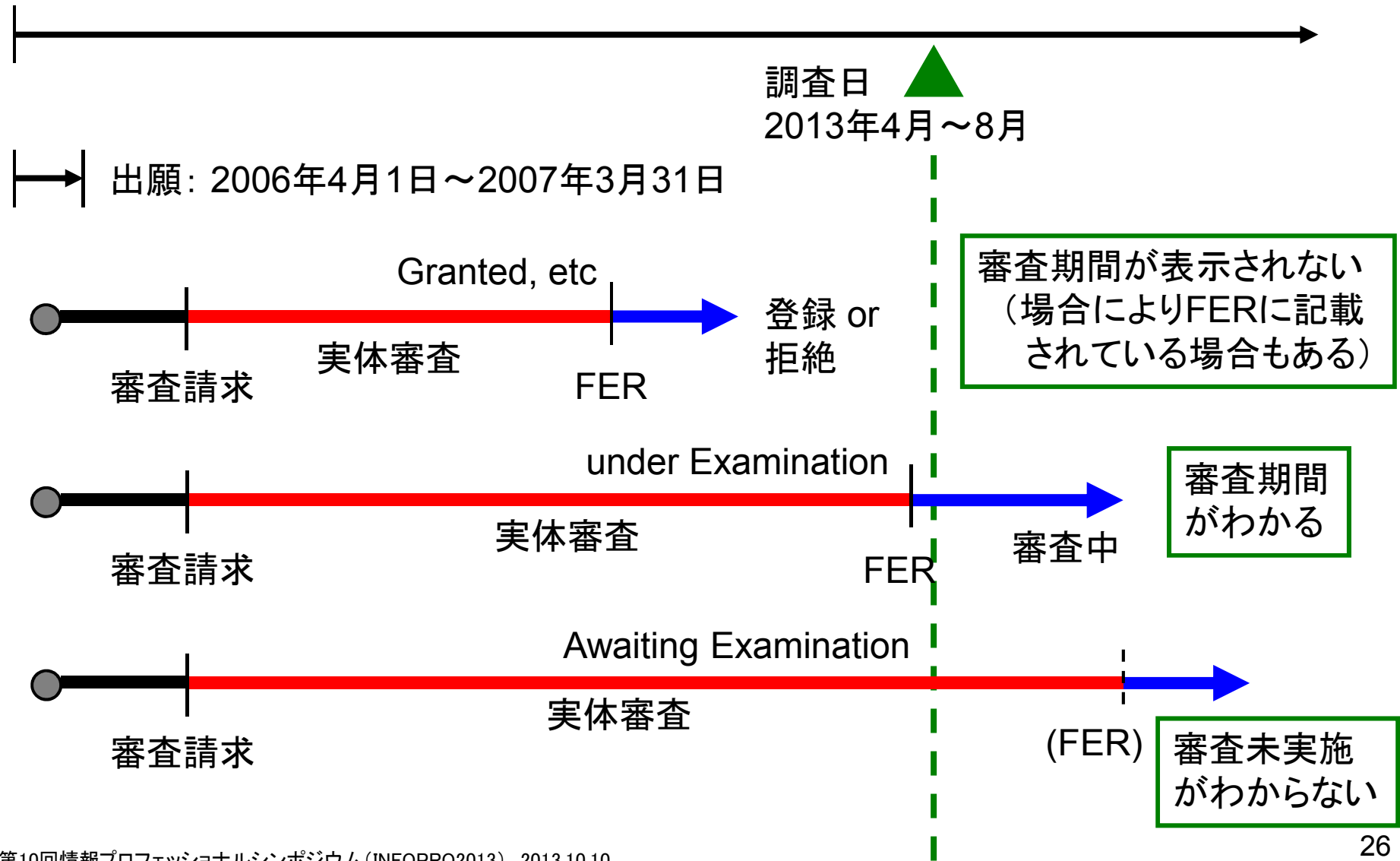
Request for Examination Date あり  
First Examination Report Date 無し

Request for Examination Date あり  
First Examination Report Date あり

Request for Examination Date 無し  
First Examination Report Date 無し

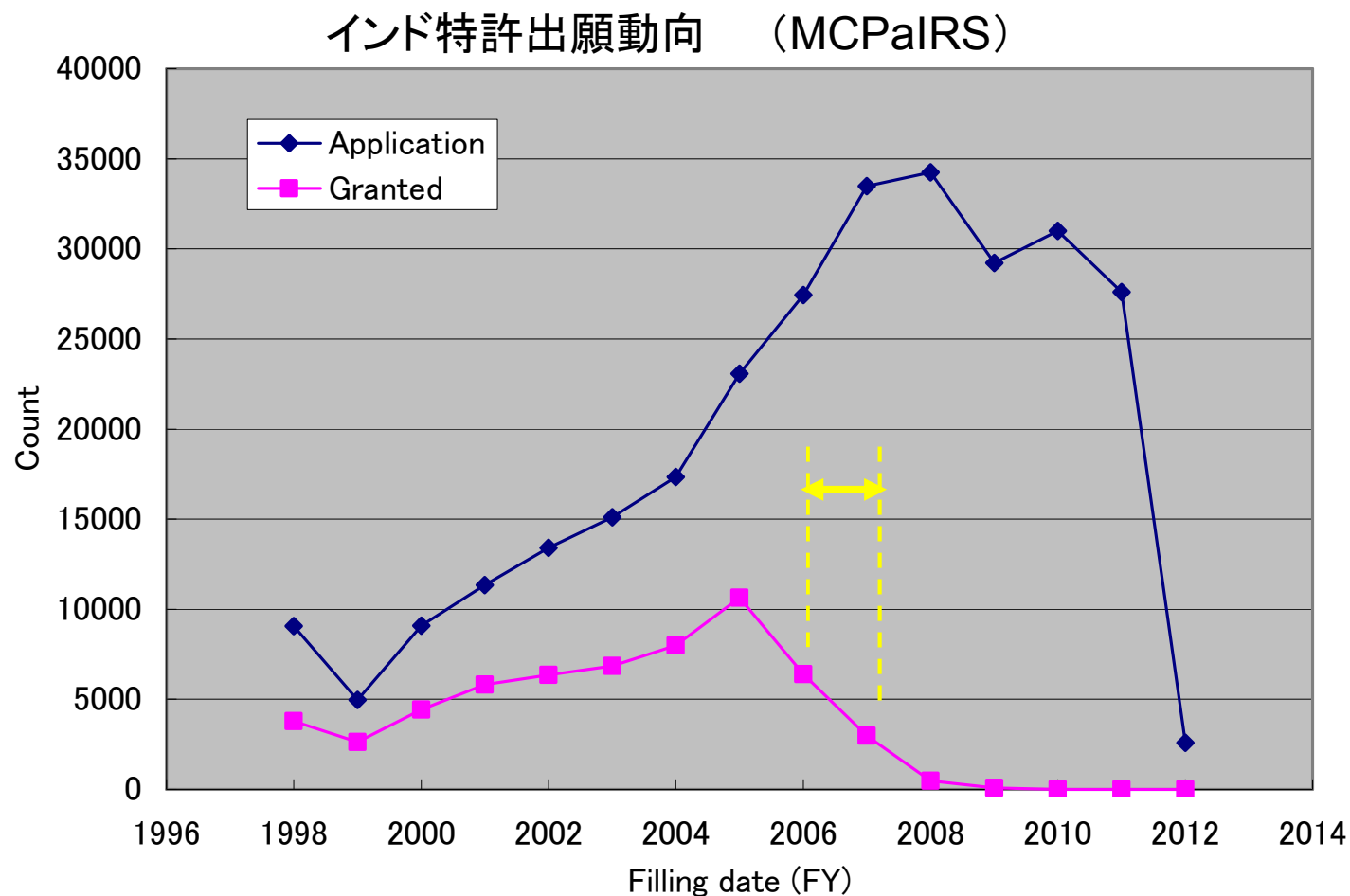
# インド特許 審査請求から実体審査結果(FER)までの日数

例：2006年4月1日～2007年3月31日に出願された特許



# インド特許 出願年に対する登録特許数の推移

2008年以降の出願特許は審査がほとんど終わっていない  
2006年の出願特許が審査中の確率高い → 審査請求日、FERがわかる

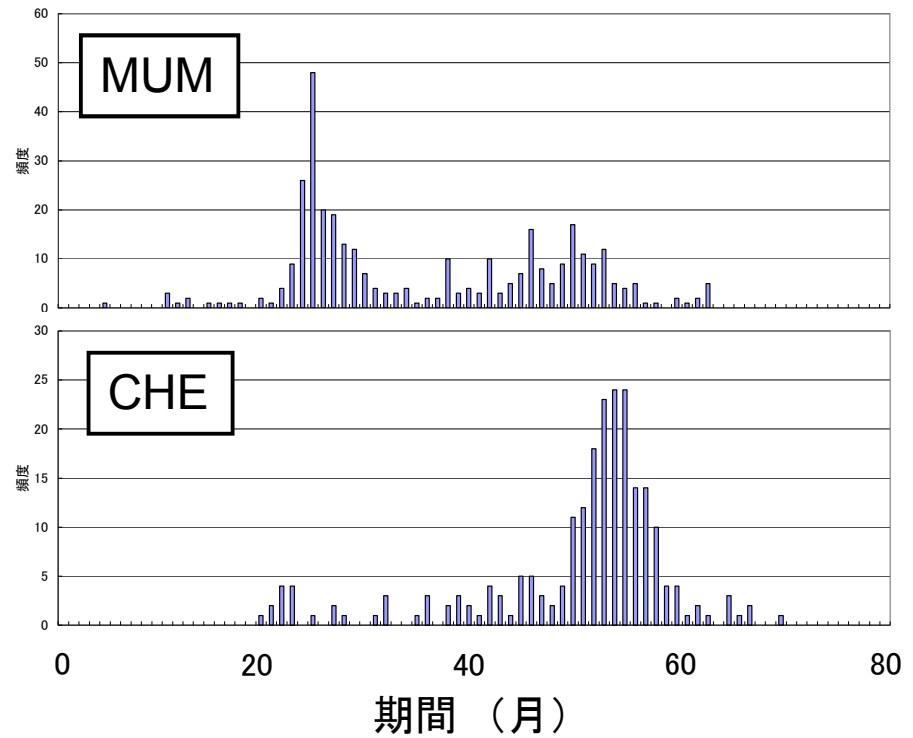
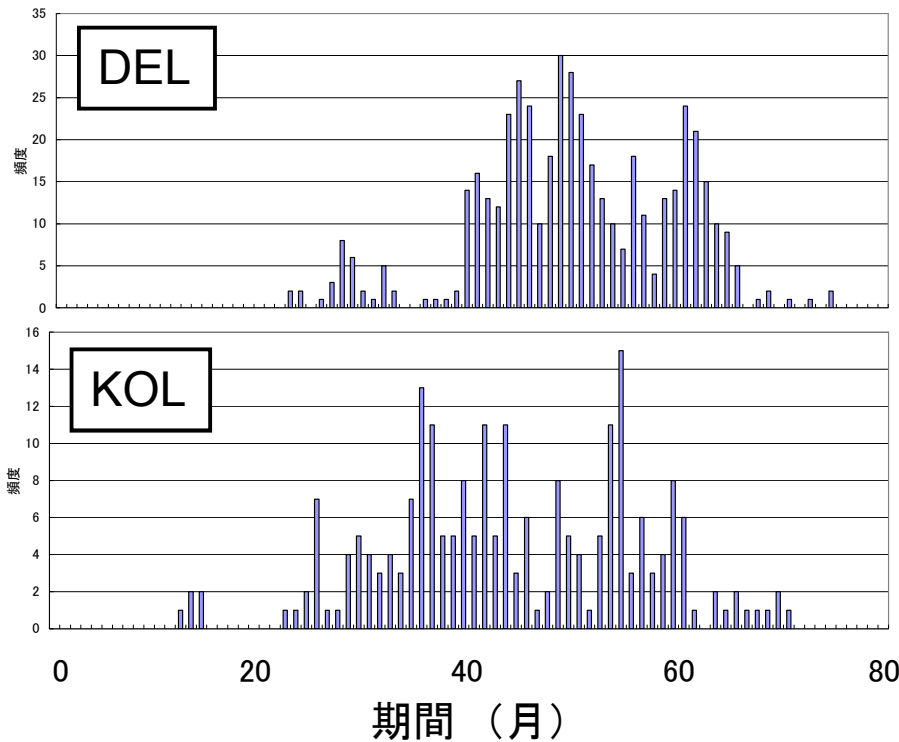


# インド特許 審査請求から実体審査結果(FER)までの日数

2006年4月1日～2007年3月31日に出願された特許

Filing date: 2006年4月1日～2007年3月31日

## 4局による比較(通常ルート)

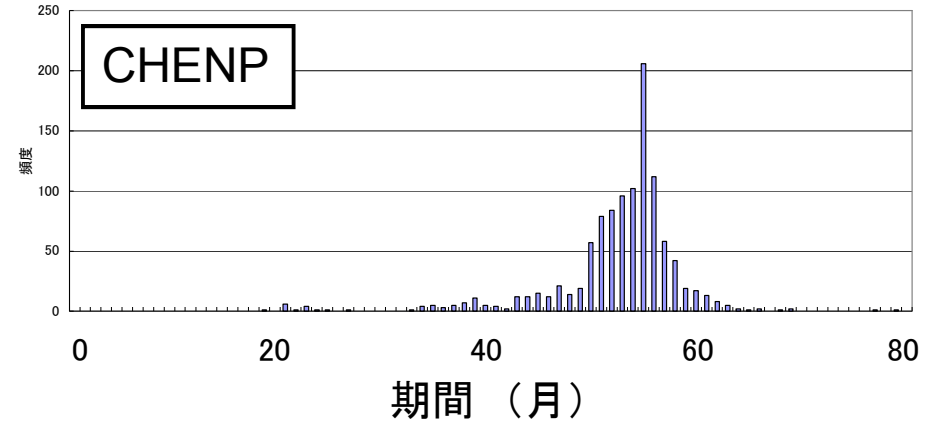
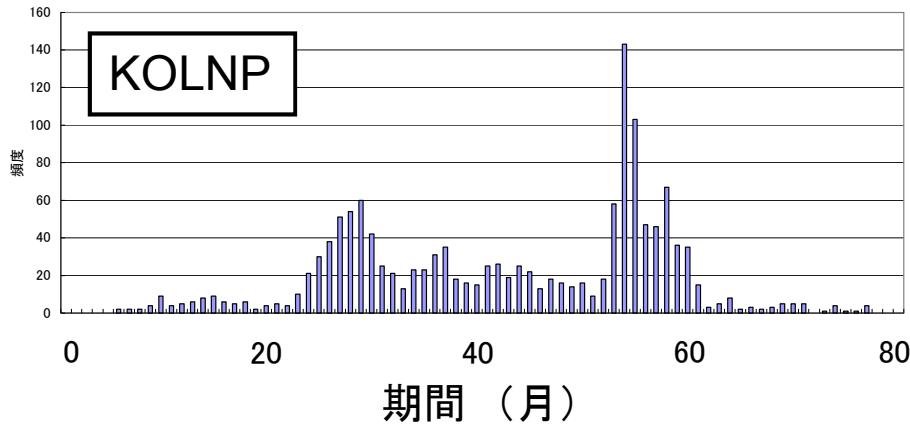
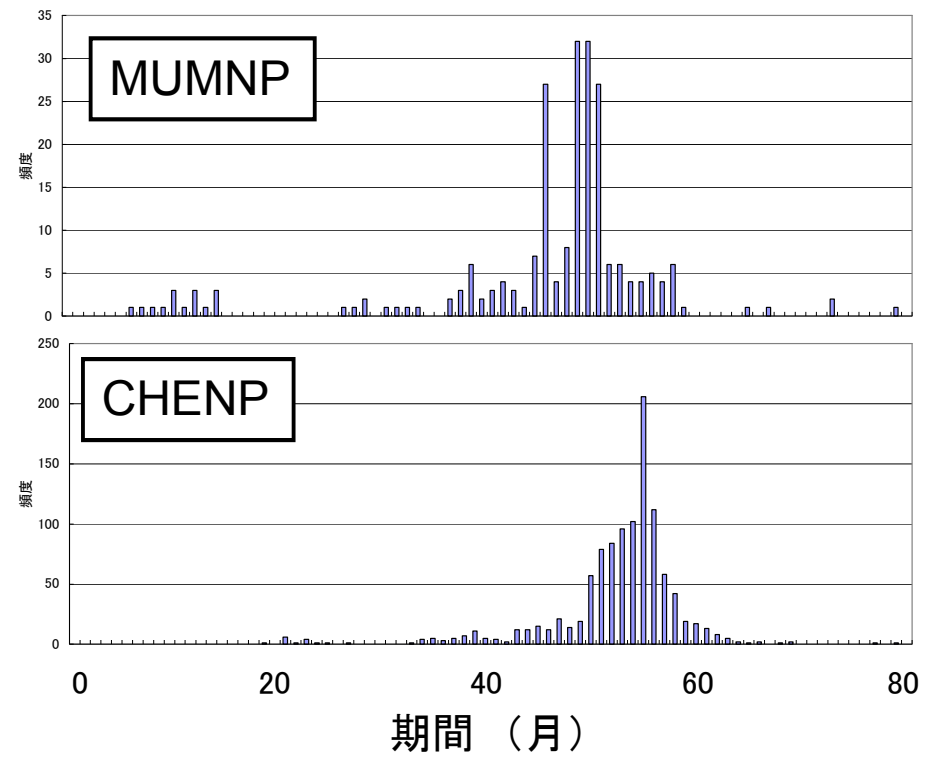
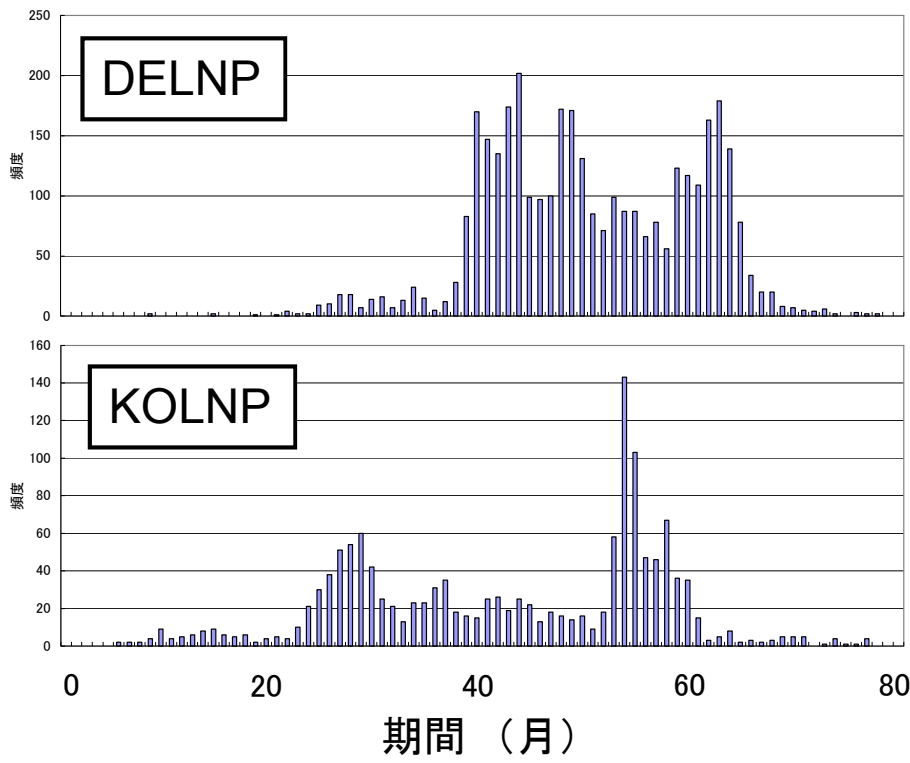


# インド特許 審査請求から実体審査結果(FER)までの日数

2006年4月1日～2007年3月31日に出願された特許

Filing date: 2006年4月1日～2007年3月31日

## 4局による比較(PCTルート)

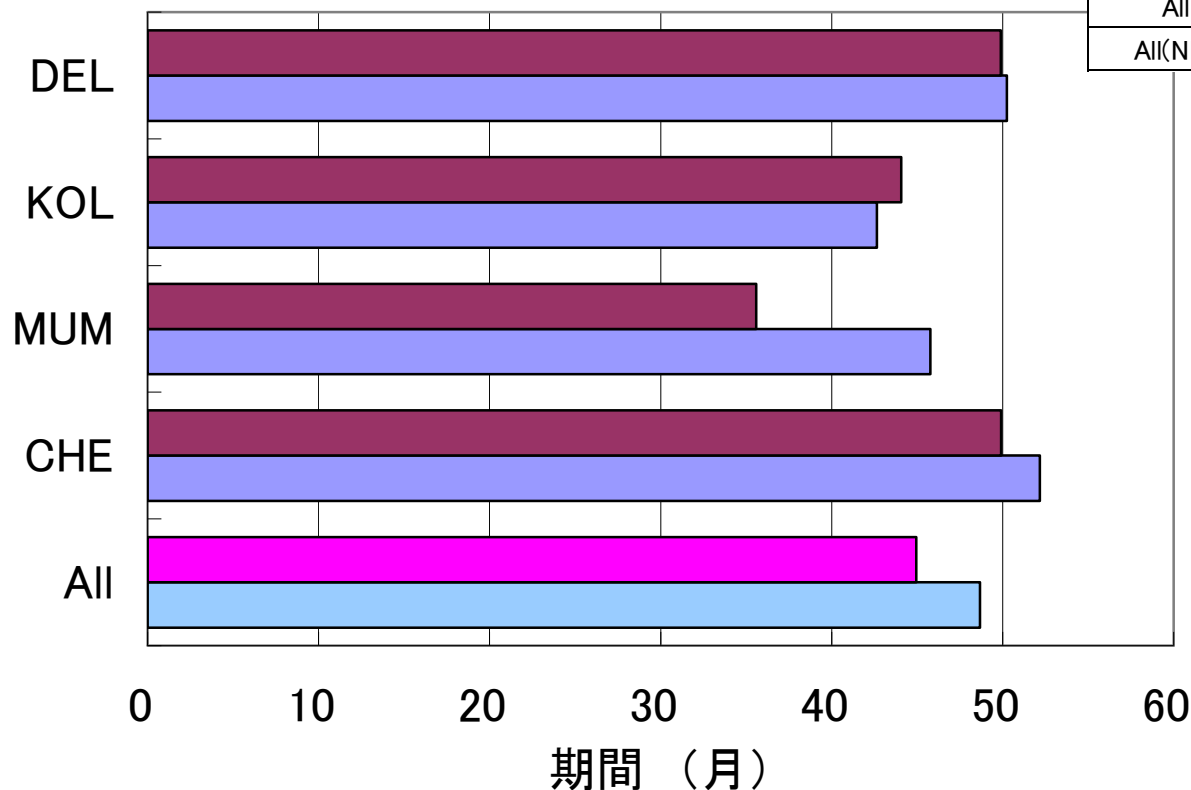


# インド特許

## 審査請求してからFER受理までの期間

2006年4月1日～2007年3月31日に出願された特許

受理官庁の比較  
通常ルートとPCTルート(NP)の比較



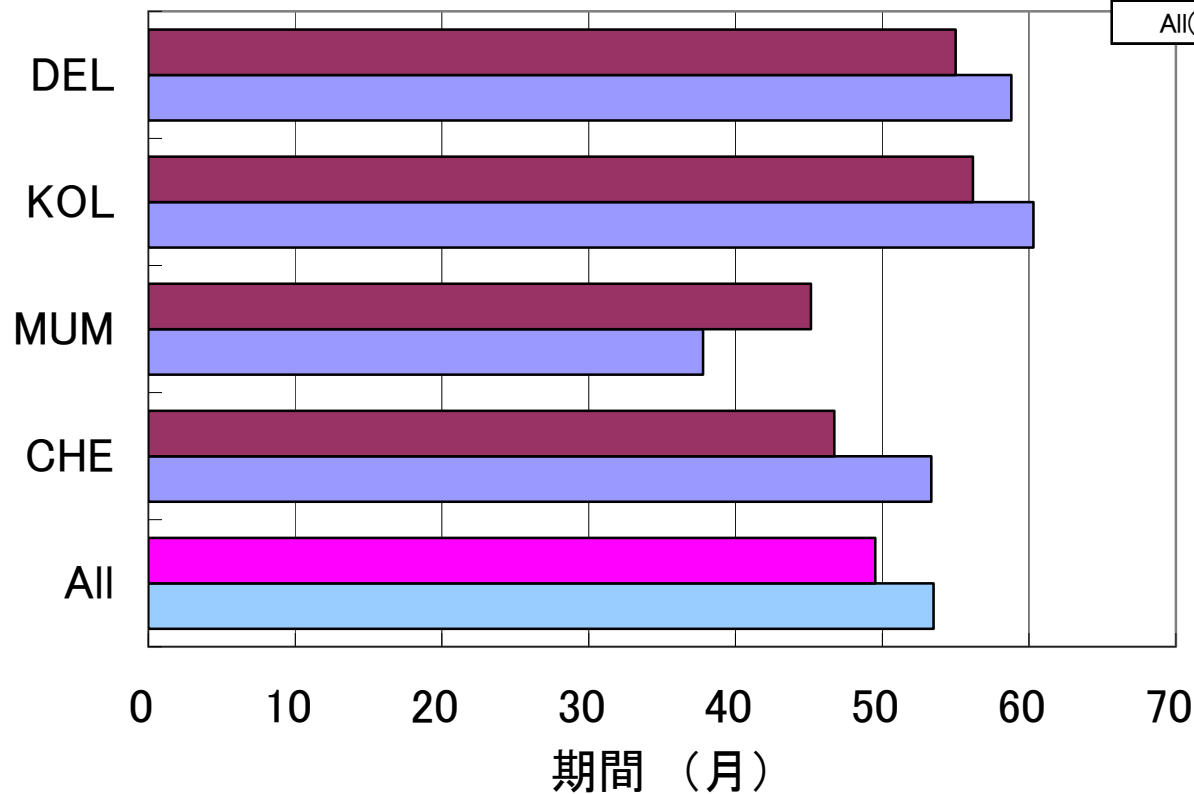
Office /Route	審査請求～FERの期間			
	審査件数	平均	審査件数	平均
DEL	473	49.9	4014	50.2
DELNP	3541	50.2		
KOL	225	44.1	1657	42.8
KOLNP	1432	42.6		
MUM	349	35.6	574	39.6
MUMNP	225	45.8		
CHE	227	49.9	1302	51.8
CHENP	1075	52.2		
All	1274	44.9	7574	48.1
All(NP)	6273	48.7		

# インド特許

## 出願してから登録までの期間

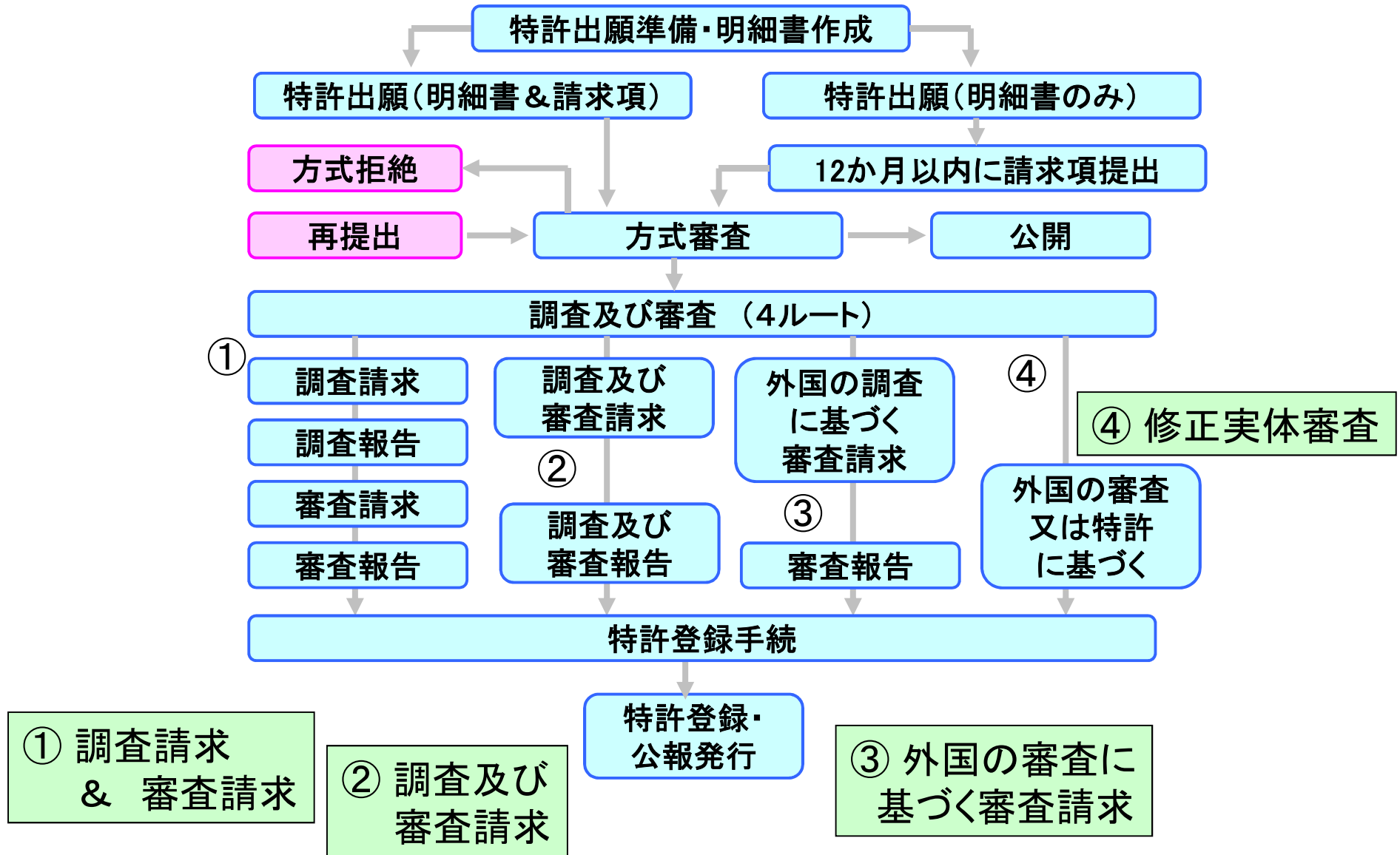
2006年4月1日～2007年3月31日に出願された特許

受理官庁の比較  
通常ルートとPCTルート(NP)の比較



Office /Route	出願～登録の期間			
	登録件数	平均	登録件数	平均
DEL	207	55.0	1321	58.2
DELNP	1114	58.8		
KOL	268	56.2	1499	59.6
KOLNP	1231	60.3		
MUM	354	45.1	1245	39.9
MUMNP	891	37.8		
CHE	487	46.7	2139	51.8
CHENP	1652	53.3		
All	1316	49.5	6204	52.7
All(NP)	4888	53.5		

# シンガポール特許 調査及び審査(4ルート)





# シンガポール特許庁HP

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## Patents

### Search Type

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- > [Advanced](#)
- > [Specification](#)

Patent Search is an online search database where users may conduct searches for any patent application or patent that has been published in Singapore (where available). Access of information and downloads of patent registers and specifications are available free-of-charge.

### Structure Data Fields (Search on Patent Information)

\* Blank field value will be ignored

[Help](#)

NOT	Field Name	Field Value	AND OR
<input type="checkbox"/>	-- Not Selected --	From (day) (month) (year) <input type="text"/> / <input type="text"/> / <input type="text"/>	<input checked="" type="radio"/> <input type="radio"/>
<input type="checkbox"/>	-- Not Selected --	To <input type="text"/> / <input type="text"/> / <input type="text"/>	<input type="radio"/> <input checked="" type="radio"/>
<input type="checkbox"/>	-- Not Selected --	<input type="text"/>	<input checked="" type="radio"/> <input type="radio"/>
<input type="checkbox"/>	-- Not Selected --	<input type="text"/>	<input type="radio"/> <input checked="" type="radio"/>

# 検索結果の表示 法的状態(リーガルステイタス) (その1)

[Home](#) > [Patent Search](#) > [Advanced Search](#)

## Patents

632 record(s) found.

Results from 1 to 10 out of 632

[1] Application Number : 201004881-7

[Basic](#) [Register](#) [Specification](#) [Abstract](#)

Publication No: 182007  
Title: METHODS TO FORM DUAL METAL GATES BY INCORPORATING METALS AND THEIR CONDUCTIVE OXIDES  
Application Number: 201004881-7

[2] Application Number : 200804311-9

[Basic](#) [Register](#) [Specification](#) [Abstract](#)

Title: RADIO RESOURCE CONTROL-SERVICE DATA UNIT RECEPTION  
Application Number: 200804311-9

Register



[3] Application Number : 200803612-1

[Basic](#) [Register](#) [Specification](#) [Abstract](#)

Publication No: 157235  
Title: A THERMOPLASTIC HEAT EXCHANGER AND METHOD OF MAKING THE SAME  
Application Number: 200803612-1

# 法的状態(リーガルステイタス) (その1)

## ① 調査請求 & 審査請求

REGISTER ENTRY FOR SG PUBLICATION NO: 157235			
Application No.:	200803612-1	Filing date:	26/Sep/2002
Divisional Application of 200401303-3/103540			
Lodgement Date:	12/May/2008		
Priority claimed:	01/Oct/2001 US 60/326,234 26/Sep/2002 PCT PCT/US2002/030493		
Title of Invention:	A THERMOPLASTIC HEAT EXCHANGER AND METHOD OF MAKING THE SAME		
Applicant/Proprietor(s):	ENTEGRIS, INC. (DW, US) 129 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821-4600 UNITED STATES OF AMERICA MASSACHUSETTS UNITED STATES OF AMERICA		
Inventor(s):	DOH, CHA, P. 43 ALLAN AVENUE SUDBURY, MA 01776 UNITED STATES OF AMERICA UNITED STATES OF AMERICA  CHENG, KWOK-SHUN 7 FEDERAL HILL ROAD NASHUA, NH 03062 UNITED STATES OF AMERICA UNITED STATES OF AMERICA  BRIGGS, ALICIA 19 COOPER AVENUE, STATEN ISLAND, NEW YORK 10305, UNITED STATES OF AMERICA UNITED STATES OF AMERICA		
International Patent Classification:	B01D 69/08, B01D 71/06, F28D 9/02, B01D 63/02, F28D 7/02, H01L 21/00		

# 法的状態(リーガルステイタス) (その1) 続き

## ① 調査請求 & 審査請求

Patent Agent: W P LAI & CO  
P.O. BOX 399  
PSA BUILDING POST OFFICE  
SINGAPORE 911144

Address for service: P.O. BOX 399  
PSA BUILDING POST OFFICE  
SINGAPORE 911144

Date of Abstract  
Publication: 29/Dec/2009

SG Publication 157235  
No.:

### Other Entries:

#### Date

#### Event

21/May/2008

FE CLEAR REPORT ISSUED

21/May/2008

W P LAI & CO, P.O. BOX 399, PSA BUILDING POST OFFICE, SINGAPORE  
911144 REGISTERED AS PATENT AGENT

27/Jun/2008

BIBLIOGRAPHIC PUBLICATION OF APPLICATION FILED

31/Aug/2009

SEARCH REQUEST FILED ON 21/08/2009

26/Oct/2009

SEARCH REPORT RECEIVED

21/Dec/2009

NOTIFICATION OF CHANGE OF NAME/ADDRESS OF  
APPLICANT/PROPRIETOR FROM ENTEGRIS, INC., 3500 LYMAN BOULEVARD,  
CHASKA, MINNESOTA 55318 UNITED STATES OF AMERICA, MINNESOTA,  
UNITED STATES OF AMERICA TO ENTEGRIS, INC., 129 CONCORD ROAD,  
BILLERICA, MASSACHUSETTS 01821-4600 UNITED STATES OF AMERICA,  
MASSACHUSETTS, UNITED STATES OF AMERICA

29/Dec/2009

ABSTRACT PUBLICATION OF APPLICATION

22/Jul/2010

EXAMINATION REQUEST FILED ON 21/07/2010

16/Mar/2012

EXAMINATION REPORT RECEIVED

11/Mar/2013

PATENT APPLICATION ABANDONED

# シンガポール特許

## イベント 記号付けと該当件数

記号	内容	1970～79	1980～89	1990～99	2000～04	2005～09	2010～13
	出願番号	2,528	14,850	46,323	44,024	49,168	16,214
A	Filing date	0	382	41,444	44,024	49,168	16,214
L1	Date of Abstract Publication	0	330	19,507	11,300	12,381	1,956
M1	Date of grant of patent	0	287	32,687	32,344	23,507	1,483
Z	Date of Publication of entry into national phase	0	0	19,289	30,082	33,416	6,288
C	FE CLEAR REPORT ISSUED	0	1	100	5,081	13,126	2,873
D	BIBLIOGRAPHIC PUBLICATION OF APPLICATION FILED	5	2,766	37,206	38,201	45,733	14,024
F1	SEARCH REQUEST FILED ON	0	0	24	320	438	102
G1	SEARCH REPORT RECEIVED	0	0	36	337	410	93
L2	ABSTRACT PUBLICATION OF APPLICATION	0	269	16,845	10,812	13,162	2,879
H	EXAMINATION REQUEST FILED ON	0	0	51	4,944	9,846	2,135
I	EXAMINATION REPORT RECEIVED	0	0	76	4,933	8,866	355
J	COMBINED SEARCH AND EXAMINATION REQUEST FILED ON	0	0	191	4,615	8,383	2,144
K	COMBINED SEARCH AND EXAMINATION REPORT RECEIVED	0	0	216	4,643	7,417	575
Y	NOTIFICATION OF PCT NATIONAL PHASE ENTRY	0	0	5	18,434	32,522	11,148
M2	PATENT GRANTED WITH EFFECT FROM	0	228	27,290	29,066	21,225	1,406
Q	PATENT LAPSED	0	4,184	24,045	14,333	3,338	0
M3	PATENT REGISTERED	2,426	13,202	4,341	0	0	0
N1	PUBLICATION OF GRANT	0	228	27,736	29,196	20,930	1,241
N3	PUBLICATION OF REGISTRATION	1	2,744	3,532	0	0	0

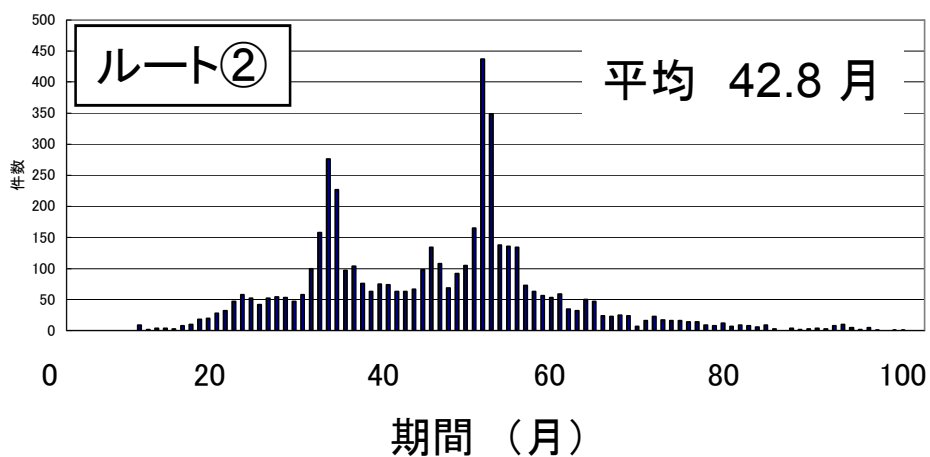
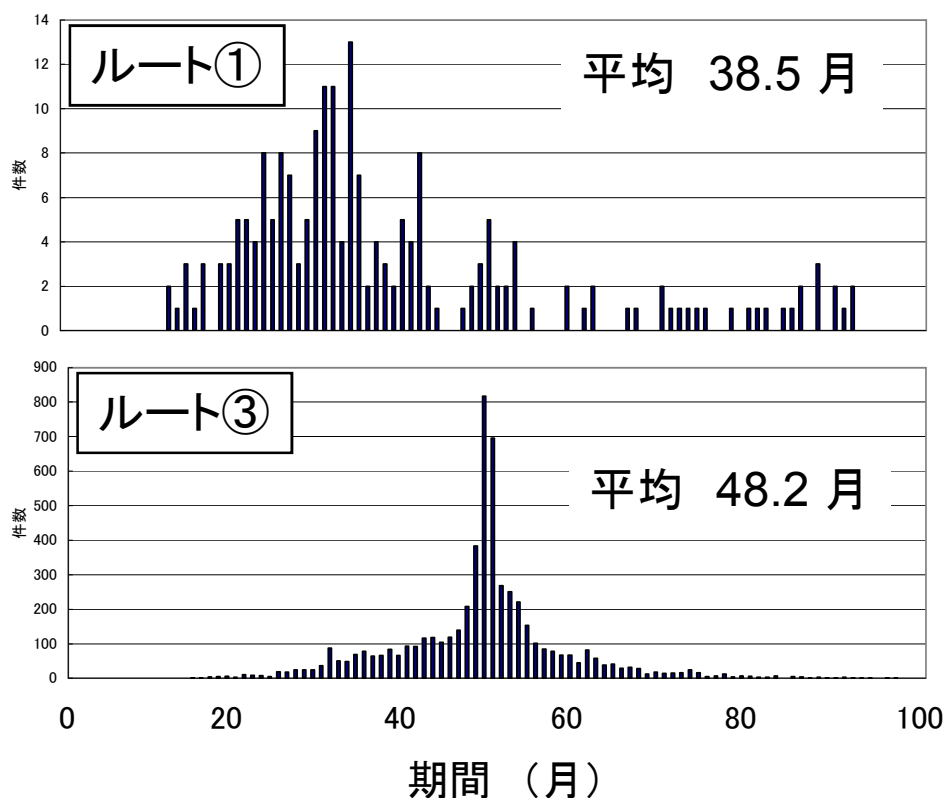
# シンガポール特許

## 調査・審査ルートの特許判別法

略称	判別基準	1970～ 79	1980～ 89	1990～ 99	2000～ 04	2005～ 09	2010～ 13
出願件数		2,528	14,850	46,323	44,024	49,168	16,214
ルート① 調査と審査 (Search + Examination)	SEARCH REQUEST FILED ON (F1) → SEARCH REPORT RECEIVED (G1) かつ EXAMINATION REQUEST FILED ON (H) → EXAMINATION REPORT RECEIVED (I)	0	0	39	365	442	101
ルート② 調査審査統合 (Combined Search & Exam.)	COMBINED SEARCH AND EXAMINATION REQUEST FILED ON (J) → COMBINED SEARCH AND EXAMINATION REPORT RECEIVED (K)	0	0	220	4,792	8,422	2,144
ルート③ 外国調査に基づく審査	EXAMINATION REQUEST FILED ON (H) → EXAMINATION REPORT RECEIVED (I) かつ SEARCH REQUEST FILED ON (F1) SEARCH REPORT RECEIVED (G1) ではない	0	0	51	4,755	9,563	2,058
ルート④ 修正実体審査 (所定特許庁)  + 残り	上記のルートではないもの → 機械的に残りを選択	2,426	14,850	46,013	34,112	30,741	11,911

# シンガポール特許 出願～登録の期間(ルートによる比較)

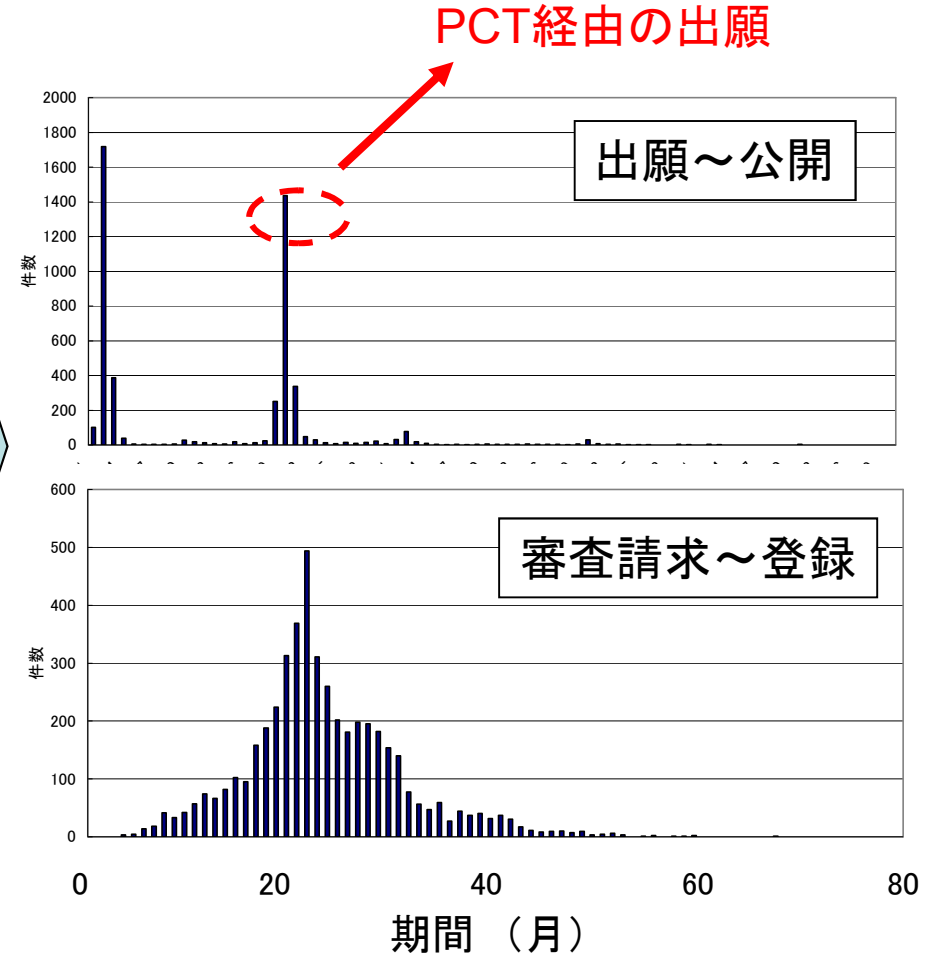
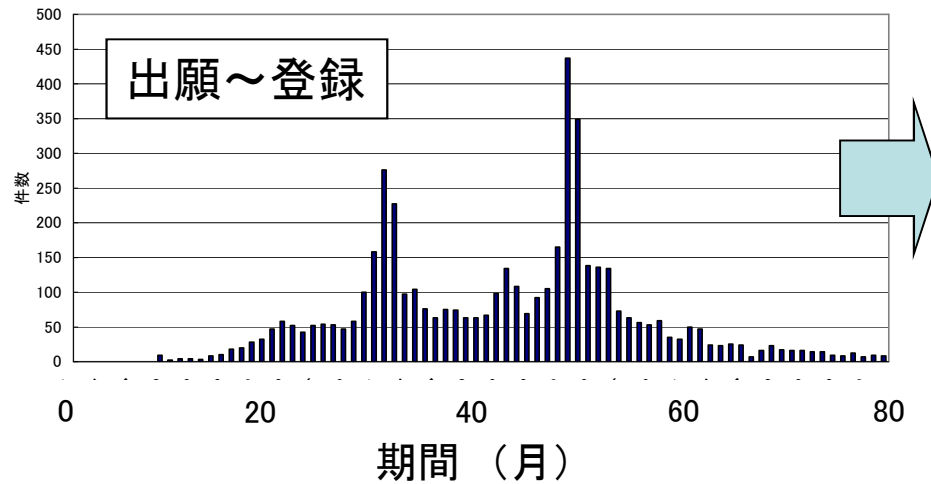
## 2005年～2009年出願分の 出願から登録までに要する時間



ルート②のみ2本のピークが現れる

# シンガポール特許

出願～公開、  
審査請求～登録 の期間に分解





## 4. おわりに

### まとめ

- ・各国特許庁の経過情報をもとに、出願ルート、権利化プロセスの違いから出願から登録までの期間、審査に要する期間を分析することができる。
- ・今回調査では、以下の結果が得られた。

国	受理局ルート	出願～登録	審査期間
VN		51.5	31.8
IN	DEL	58.2	50.2
	KOL	59.6	42.8
	MUM	39.9	39.6
	CHE	51.8	51.8
SG	ルート1	38.5	28.2
	ルート2	42.8	23.2
	ルート3	48.2	21.1

(注) インドの調査では出願～登録と審査期間で母集団が異なる

## 予備資料

# インド特許庁が公開した現在の審査対象案件

## JETRO の解析

審査請求年月では2008年以降であるが、  
出願年では、おそらく2005年～2006年頃と推測

現在審査対象となっている案件の審査請求年月とFA期間(2013年6月18日調べ)

	デリー		ムンバイ		コルカタ		チェンナイ	
	審査請求年月	FA期間	審査請求年月	FA期間	審査請求年月	FA期間	審査請求年月	FA期間
電気電子	2008年4月	(62月)	2009年1月	(53月)	2008年12月	(54月)	2008年11月	(55月)
機 械	2008年6月	(60月)	2009年1月	(53月)	2008年7月	(59月)	2008年10月	(56月)
化 学	2009年6月	(48月)	2011年4月	(26月)	2010年2月	(40月)	2009年1月	(53月)
バイオ	2009年9月	(45月)	2011年4月	(26月)	2009年7月	(47月)	2010年2月	(40月)

(6) Deemed to be Withdrawn U/S 11B(4)

First Examination Report Date 無し

The screenshot displays the IPAIRS Version 2.0 web interface. At the top, there are logos for Intellectual Property India and the Government of India, along with the text 'Controller General of Patents Designs and Trademarks, Department of Industrial Policy and Promotions, Ministry of Commerce and Industry'. A navigation bar includes 'Granted Patents', 'Published Applications', 'Application Status', and 'Agent Register'. The 'Application Status' section is active, showing a table of details for application 5393/DELNP/2006. Below the table, the application status is 'Deemed to be Withdrawn U/S 11B(4)'. At the bottom, there are buttons for 'Print', 'Back Report', 'View Complete Specification', 'View E-register', 'View Examination Report(s)', 'Order(s)/Decision(s)', and 'View Documents'.

**INTELLECTUAL PROPERTY INDIA**  
PATENTS | DESIGNS | GEOGRAPHICAL INDICATIONS

**GOVERNMENT OF INDIA**  
सत्यमेव जयते

Controller General of Patents Designs and Trademarks  
Department of Industrial Policy and Promotions  
Ministry of Commerce and Industry

[Patent Search Engine Help](#)

Welcome to IPAIRS Version 2.0

Granted Patents | Published Applications | **Application Status** | Agent Register

**Detail**

APPLICATION NUMBER	5393/DELNP/2006
APPLICANT NAME	CPI WIRECLOTH & SCREENS, INC.
DATE OF FILING	18/09/2006 14:17:45
PCT INTERNATIONAL FILING DATE	29/04/2005
PRIORITY DATE	30/04/2004
TITLE OF INVENTION	"TUBULAR SCREEN SEPARATOR"
PUBLICATION DATE (U/S 11A)	03/08/2007

**Application Status**

Status	Deemed to be Withdrawn U/S 11B(4)
--------	-----------------------------------

Print | Back Report | View Complete Specification | View E-register | View Examination Report(s)  
Order(s)/Decision(s) | View Documents

(7) Application Refused U/S 15

First Examination Report Date 無し

The screenshot displays the IPAIRS Version 2.0 web interface. At the top, there are logos for Intellectual Property India and the Government of India, along with the text 'Controller General of Patents Designs and Trademarks, Department of Industrial Policy and Promotions, Ministry of Commerce and Industry'. A navigation menu includes 'Granted Patents', 'Published Applications', 'Application Status', and 'Agent Register'. The 'Application Status' section is active, showing a table of details for application number 5434/DELNP/2006. The status is 'Application Refused U/S 15'. Below the table are several buttons for actions like 'Print', 'Back Report', 'View Complete Specification', 'View E-register', 'View Examination Report(s)', 'Order(s)/Decision(s)', and 'View Documents'.

**INTELLECTUAL PROPERTY INDIA**  
PATENTS | DESIGNS | GEOGRAPHICAL INDICATIONS

**GOVERNMENT OF INDIA**  
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Controller General of Patents Designs and Trademarks  
Department of Industrial Policy and Promotions  
Ministry of Commerce and Industry

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Welcome to IPAIRS Version 2.0

Granted Patents | Published Applications | **Application Status** | Agent Register

**Detail**

APPLICATION NUMBER	5434/DELNP/2006
APPLICANT NAME	PROSENSA B.V.
DATE OF FILING	19/09/2006
DATE OF COMPLETE SPECIFICATION	19/09/2006
PCT INTERNATIONAL FILING DATE	09/03/2005
PRIORITY DATE	09/03/2004
TITLE OF INVENTION	"A RNA HYDROLYZING COMPOUND"
PUBLICATION DATE (U/S 11A)	03/08/2007

**Application Status**

Status	Application Refused U/S 15
--------	----------------------------

[Print](#) [Back Report](#) [View Complete Specification](#) [View E-register](#) [View Examination Report\(s\)](#)  
[Order\(s\)/Decision\(s\)](#) [View Documents](#)

(8) Application Abandoned U/S 21(1)

First Examination Report Date 無し

The screenshot displays the IPAIRS Version 2.0 web interface. At the top, there are logos for Intellectual Property India and the Government of India, along with the text 'Controller General of Patents Designs and Trademarks, Department of Industrial Policy and Promotions, Ministry of Commerce and Industry'. A navigation bar includes 'Granted Patents', 'Published Applications', 'Application Status', and 'Agent Register'. The 'Application Status' section is active, showing a table of application details for application number 5400/DELNP/2006, filed by Motorola, Inc. on 18/09/2006. The application status is 'Application Abandoned U/S 21(1)'. Below the table are several buttons: 'Print', 'Back Report', 'View Complete Specification', 'View E-register', 'View Examination Report(s)', 'Order(s)/Decision(s)', and 'View Documents'.

**INTELLECTUAL PROPERTY INDIA**  
PATENTS | DESIGNS | GEOGRAPHICAL INDICATIONS

**GOVERNMENT OF INDIA**

Controller General of Patents Designs and Trademarks  
Department of Industrial Policy and Promotions  
Ministry of Commerce and Industry

[Patent Search Engine Help](#)

Welcome to IPAIRS Version 2.0

Granted Patents | Published Applications | **Application Status** | Agent Register

**Detail**

APPLICATION NUMBER	5400/DELNP/2006
APPLICANT NAME	MOTOROLA, INC
DATE OF FILING	18/09/2006 14:17:45
PCT INTERNATIONAL FILING DATE	22/03/2005
PRIORITY DATE	31/03/2004
TITLE OF INVENTION	"METHOD AND SYSTEM FOR ENSURING AUDIO SAFETY"
PUBLICATION DATE (U/S 11A)	03/08/2007

**Application Status**

Status	Application Abandoned U/S 21(1)
--------	---------------------------------

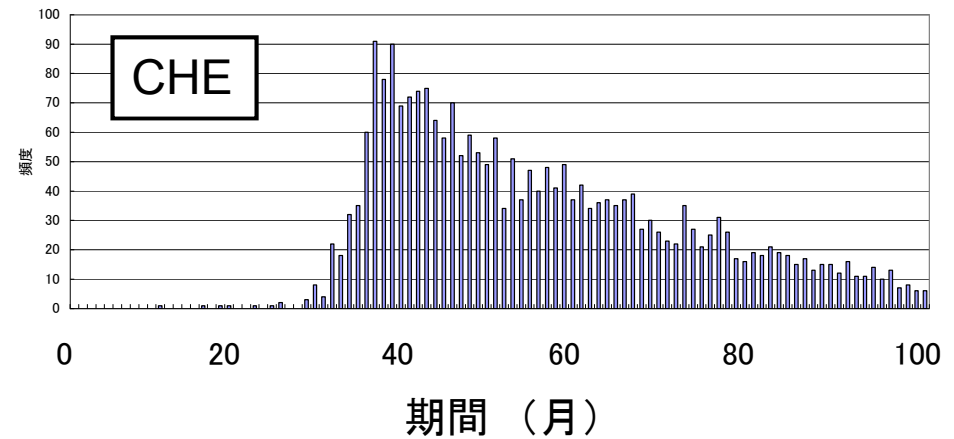
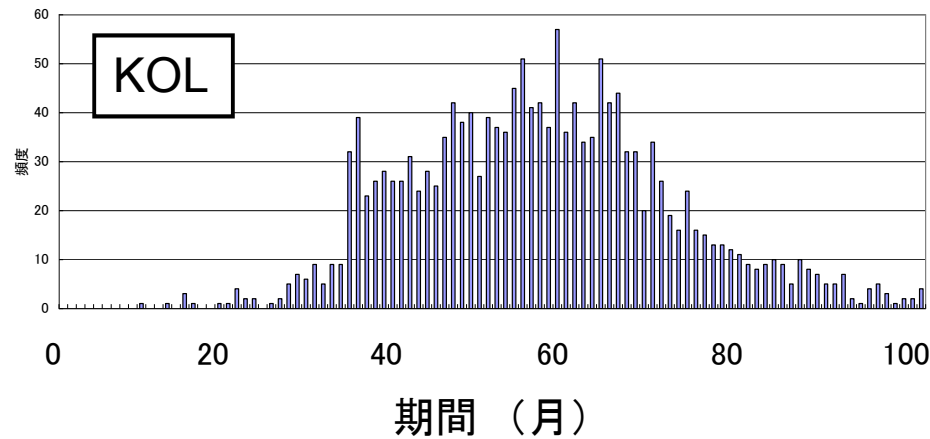
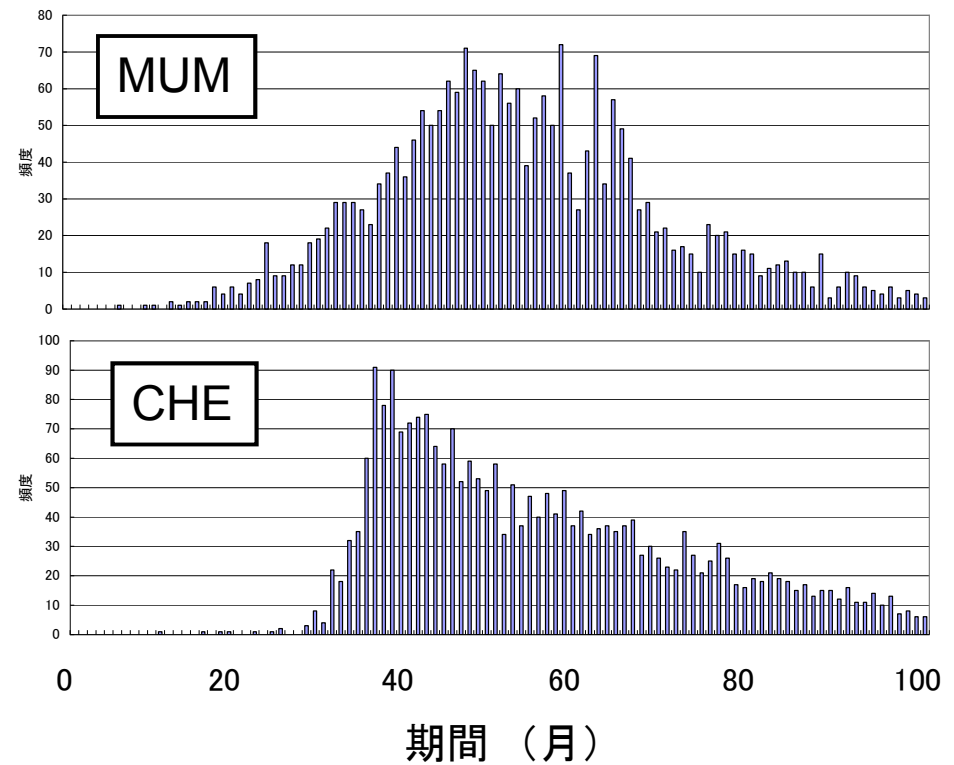
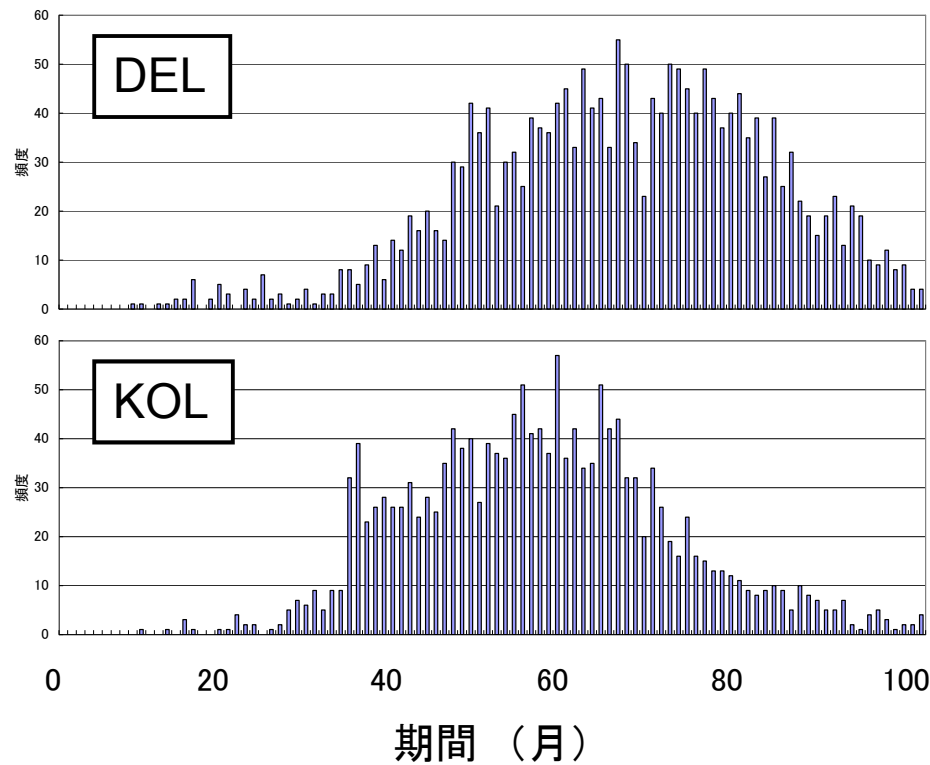
Print | Back Report | View Complete Specification | View E-register | View Examination Report(s)  
Order(s)/Decision(s) | View Documents

# インド出願特許

データベース MCPaIRS を使用

## 出願日～登録日 (Application Date～Grant Date)の期間(月数)

2003年4月～2008年3月の出願



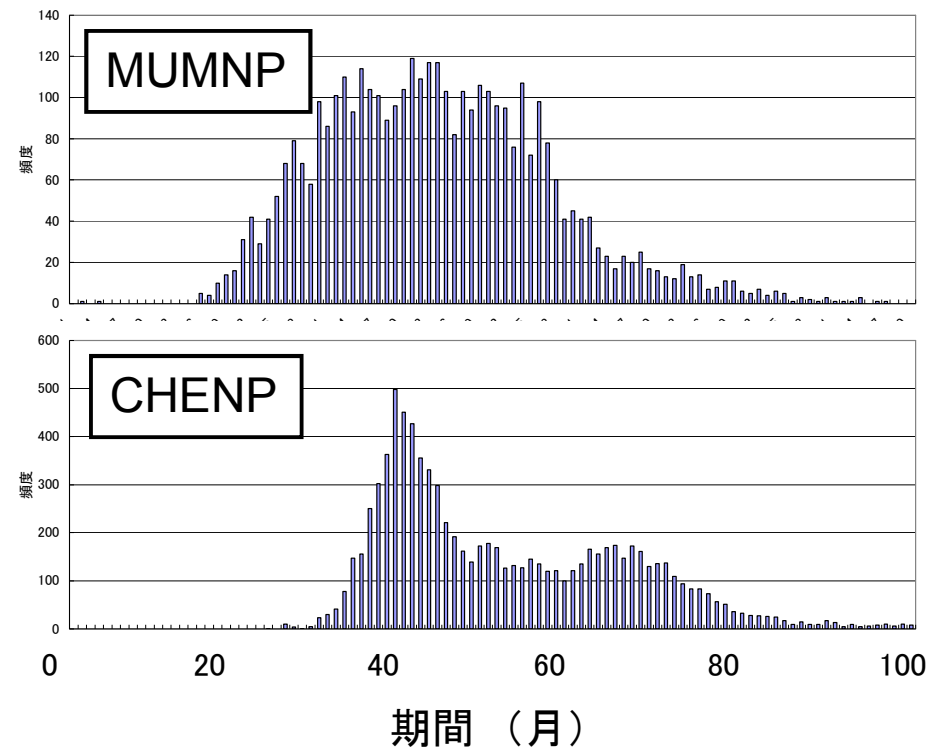
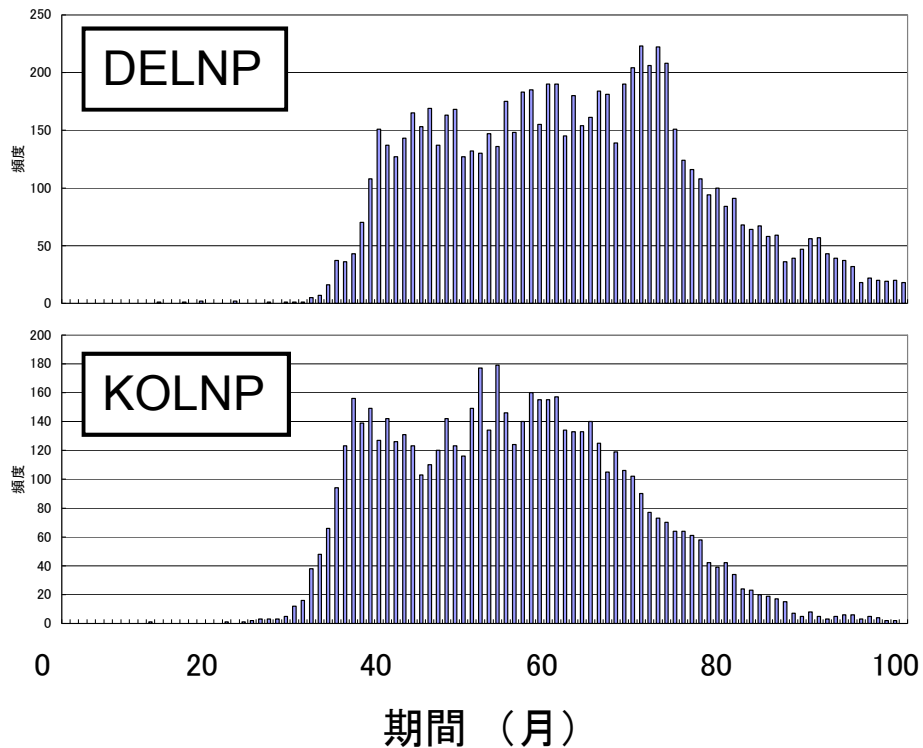
# インド出願特許

データベース MCPaIRS を使用

## 出願日～登録日 (Application Date～Grant Date)の期間(月数)

2003年4月～2008年3月の出願

National Phase



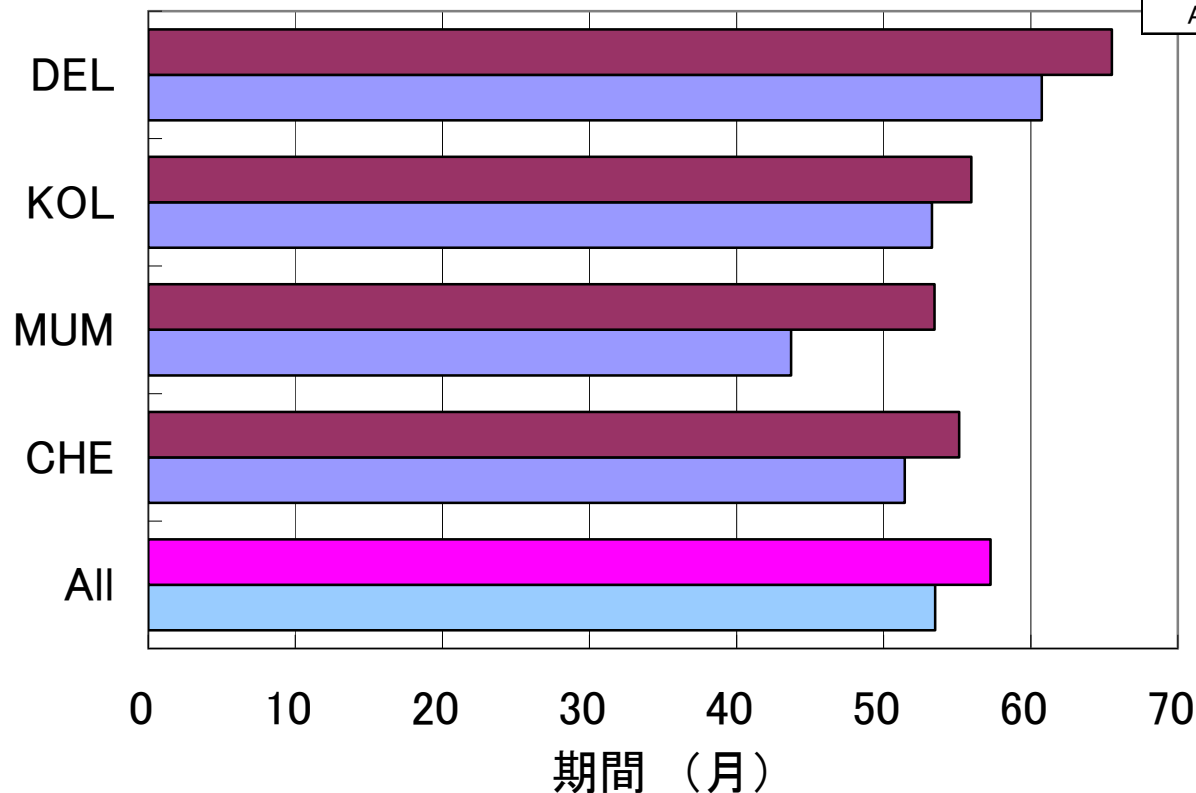


# 出願してから登録までの期間

データベース MCPaIRS を使用

2003年4月～2008年3月出願(5年間)

受理官庁の比較  
通常ルートとPCTルート(NP)の比較



Office /Route	出願～登録			
	登録件数	平均	登録件数	平均
DEL	1946	65.5	9773	61.7
DELNP	7827	60.8		
KOL	1627	56.0	7516	53.9
KOLNP	5889	53.3		
MUM	2252	53.5	6098	47.3
MUMNP	3846	43.7		
CHE	2456	55.1	11151	52.2
CHENP	8695	51.4		
All	8281	57.3	34538	54.4
All(NP)	26257	53.5		

# ベトナム特許

## Chukan Code と 件数

内容	表記	件数
	出願番号	32276
登録番号	(11) Registration Number	10113
登録日	(15) Registration Date	10113
出願日	(22) Filing Date	32276
(登録)公開日	(45) PubB Date	9368
公開日	(43) PubA	32278

内容	表記	件数
補正追加	100	0
自発補正	101	3727
出願指示請求	111	629
実体審査請求	141	14235
実体審査結果請求	143	9245
登録/公開 手数料受領	151	7320
その他の書類提出	190	5799
出願受理 通知	221	24968
実体審査 結果仮通知	241	1447
クレーム補正通知	242	3263
実体審査結果通知 (拒絶)	243	7823
特許付与通知	251	2947
特許付与通知(補正後)	252	5211
拒絶意向通知	285	606