



2012年2月23日(木) @東京
PPHユーザーセミナー

特許審査ハイウェイ (PPH) の概要

(Patent Prosecution Highway)

～参考資料～

コンテンツ

- ✓ PPHポータルサイトの紹介(PPH統計データ等)
- ✓ PPH利用の拡大
- ✓ 通常型PPHデータ
- ✓ PCT-PPHデータ

- 各国申請ガイドライン、リクエストフォーム、統計データ等の詳細につきましては、「**PPHポータルサイト**」(英語のみ)をご参照ください。

各国申請ガイドライン、
リクエストフォームの提供

各国PPHパンフレットの
提供

PPHに関する最新情報の
提供

URL: <http://www.jpo.go.jp/ppph-portal/index.htm>

1. PPHポータルサイト(2)ー統計データの提供ー

➤ 各国統計データの提供(1)

各国PPH及びPCTーPPH
申請件数の提供

Number of PPH(using the national products) Requests Page for Printing

OSF/OLE

	JP	US	KR	GB	CA	DE	AU	DK	EP	SG	FI	RU	AT	HU	ES	MX	PT	IL	TW	NO	CN	IS	Total
JP		4703	1025	20(0)	73	495	-	2	394	8	1(0)	42	0	0	0	1	-	-	0	53	0	0	4399
US	1438(12)		475	36(1)	1922	40	148(7)	1	254	8	1(0)	9	0	0	0	1	-	0	39	2	0	0	4399
KR	160	851		4	5	1	-	0	-	-	0(0)	0	-	-	-	-	-	-	-	-	-	-	-
GB	52(3)	205	19		-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
CA	2(2)	107	1	-		0	-	0	-	-	1(0)	-	-	-	-	-	-	-	-	-	-	-	-
DE	80	65	13	-	11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AU	-	109	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DK	7	90	4	-	1	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EP	40	181	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG	0	2	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
FI	5(0)	19	0	-	1	-	-	-	-	-		0(0)	-	-	-	-	-	-	-	-	-	-	-
RU	3(0)	8	0	-	-	-	-	-	-	-	-		0(0)	-	-	-	-	-	-	-	-	-	-
AT	1	0	-	-	-	-	-	-	-	-	-	-		0(0)	-	-	-	-	-	-	-	-	-
HU	2	3	-	-	-	-	-	-	-	-	-	-	-		0(0)	-	-	-	-	-	-	-	-
ES	0(0)	0	0	-	0	-	-	-	-	-	-	-	-	-		0(0)	-	-	-	-	-	-	-
MX	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
PT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
IL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
TW	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
NO	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
CN	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
IS	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Total	1791	8354	1537	80	2013	536	146	3	648	17	3	52	0	-	-	-	-	-	-	-	-	-	-

* As of the end of December 2011

* The number in parentheses shows the cumulative number of PPH MOTTAINED out of the total number of PPH requests. (The number of OSF- USPTO is not

Number of PPH(PCT-PPH) Requests Page for Printing

Office of Filing

	JP	US	KR	CA	AU	DK	EP	FI	RU	AT	ES	MX	SE	XN	NO	CN	IS	Total
JP		765	537	-	-	0	188	0	1	-	0	0	0	-	-	7	0	1498
US	10		137	8	5	0	11	0	1	0	0	-	0	-	-	0	0	172
KR	-	963		12	-	-	-	-	-	-	-	-	-	-	-	-	-	975
CA	-	3	-		20	-	-	-	-	-	-	-	-	-	-	-	-	23
AU	-	88	-	-		3	-	-	-	-	-	-	-	-	-	-	-	91
DK	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	0
EP	338	814	-	-	-	-		-	-	-	-	-	-	-	-	-	-	1152
FI	0	35	-	-	-	-	-		0	0	0	-	-	-	-	-	-	35
RU	-	7	-	-	-	-	0	-		-	0	-	-	-	-	-	-	7
AT	-	8	-	-	-	-	0	-	-		-	-	-	-	-	-	-	8
ES	0	4	-	-	-	-	0	0	-	-		-	-	-	-	-	-	4
MX	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	0
SE	5	21	-	-	-	-	-	-	-	-	-	-		1	-	-	-	27
XN	0	3	-	-	-	-	-	-	-	-	-	-	-		-	-	-	3
NO	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	0
CN	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-		-	2
IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		0
Total	1118	2622	20	20	8	0	199	0	2	0	0	0	1	0	0	7	0	3997

* As of the end of December 2011

➤ 各国統計データの提供(2)

PPH Statistical Data

Page for Printing

Definitions:

(1) **Grant Rate** = (# of decisions to grant a patent)/(# of decisions of grant a patent)+(# of decisions of refusal)+(# of withdrawal and abandonment after first office action))

(2) **First Action Allowance Rate** = (# of decisions to grant a patent as first office action)/(# of decisions to grant a patent)+(# of decisions of refusal)+(# of withdrawal and abandonment after first office action))

(3) **Average Pendency from PPH Request to First Office Action** is the average pendency of application for which first office action was issued during the period.

(4) **Average Pendency from PPH Request to Final Decision** is the average pendency of application for which final decision was issued during the period.

(5) **Average Number of Office Actions** = (total # of office actions of all) / (# of application for which final decision was issued during a period)

*1 Final decisions are NOT counted as office actions.

*2 Decisions in appeals are not included.

PPH Statistical Data(NOT including PCT-PPH)

	JP	US
Grant Rate (%)	76.6 (58.9)	87 (49)
First Action Allowance Rate (%)	22.9 (11.2)	26 (14)
Average Pendency from PPH Request to First Office Action (months)	1.8 (26.3)	6.1 (23.6)
Average Pendency from PPH Request to Final Decision (months)	7.1 (32.4)	11 (33)
Average Number of Office Actions	1.06 (1.10)	2.3 (2.6)

PCT-PPH Statistics

	JP	US	KR	CA
Grant Rate (%)	95.4 (58.9)	91 (49)	90.3 (66.3)	97.6 (64)
First Action Allowance Rate (%)	58.0 (11.2)	19 (14)	27.1 (10.1*)	42 (4.9)
Average Pendency from PPH Request to First Office Action (months)	1.9 (26.3)	4.3 (23.6)	2.2 (16.8)	1.0 (22.2)
Average Pendency from PPH Request to Final Decision (months)	3.5 (32.4)	7.0 (33.6)	2.5 (22.8)	2.5 (45.7)
Average Number of Office Actions	0.46 (1.10)	1.6 (2.6)	-	0.7 (1.6)

Period: Jul-Dec 2011

() : All applications including PPH

*1 Grant Rate = (# of decisions to grant a patent as first office action)/(# of decisions to grant a patent)+(# of decisions of refusal)+(# of withdrawal and abandonment after first office action))

*2 Data without considering three PPH requests in period of third party decision

*3 Sep-Dec 2011

各国におけるPPH案件の特許率、即特許率及び申請～FAまでの期間等のデータの提供

PPH Statistical Data(NOT including PCT-PPH)

	OSF													
	JP	US	KR	GB	CA	DE	AU	SG	FI	RU	HU	ES	MX	TW
Grant Rate (%)	76.6 (58.9)	87 (49)	90.3 (66.3)	97.6 (0)	91 (64)	- (-)	100 (-)	100 (-)	100 (-)	95 (80.2)	24.4 (-)	- (-)	81.8 ^{*2} (-)	100 (57)
First Action Allowance Rate (%)	22.9 (11.2)	26 (14)	27.1 (10.1*)	4.8 (-)	42 (4.9)	- (-)	44.4 (-)	100 (-)	66 (-)	50 (12.3)	0 (9.7)	100 (35)	81.8 ^{*2} (-)	87.5 (9.2)
Average Pendency from PPH Request to First Office Action (months)	1.8 (26.3)	6.1 (23.6)	1.8 (16.8)	1.8 (-)	1.6 (22.2)	5.6 (-)	0.5 (-)	- (-)	1 (8.5)	1.7 (10.9)	1 (78.1)	3.5 (23)	0.83 (-)	1.1 (41.1)
Average Pendency from PPH Request to Final Decision (months)	7.1 (32.4)	11.6 (33.8)	4.9 (22.8)	4.8 (-)	5.5 (40.5)	- (-)	1.5 (-)	- (-)	6 (60)	6.8 (18)	- (71.7)	- (33)	0.83 (-)	1.2 (45.7)
Average Number of Office Actions	1.06 (1.10)	2.3 (2.6)	- (-)	1.14 (-)	0.7 (1.6)	- (-)	0.55 (-)	0.17 (-)	1 (-)	0.6 (1.65)	- (0.7)	- (2)	0 (-)	0.13 (0.94)

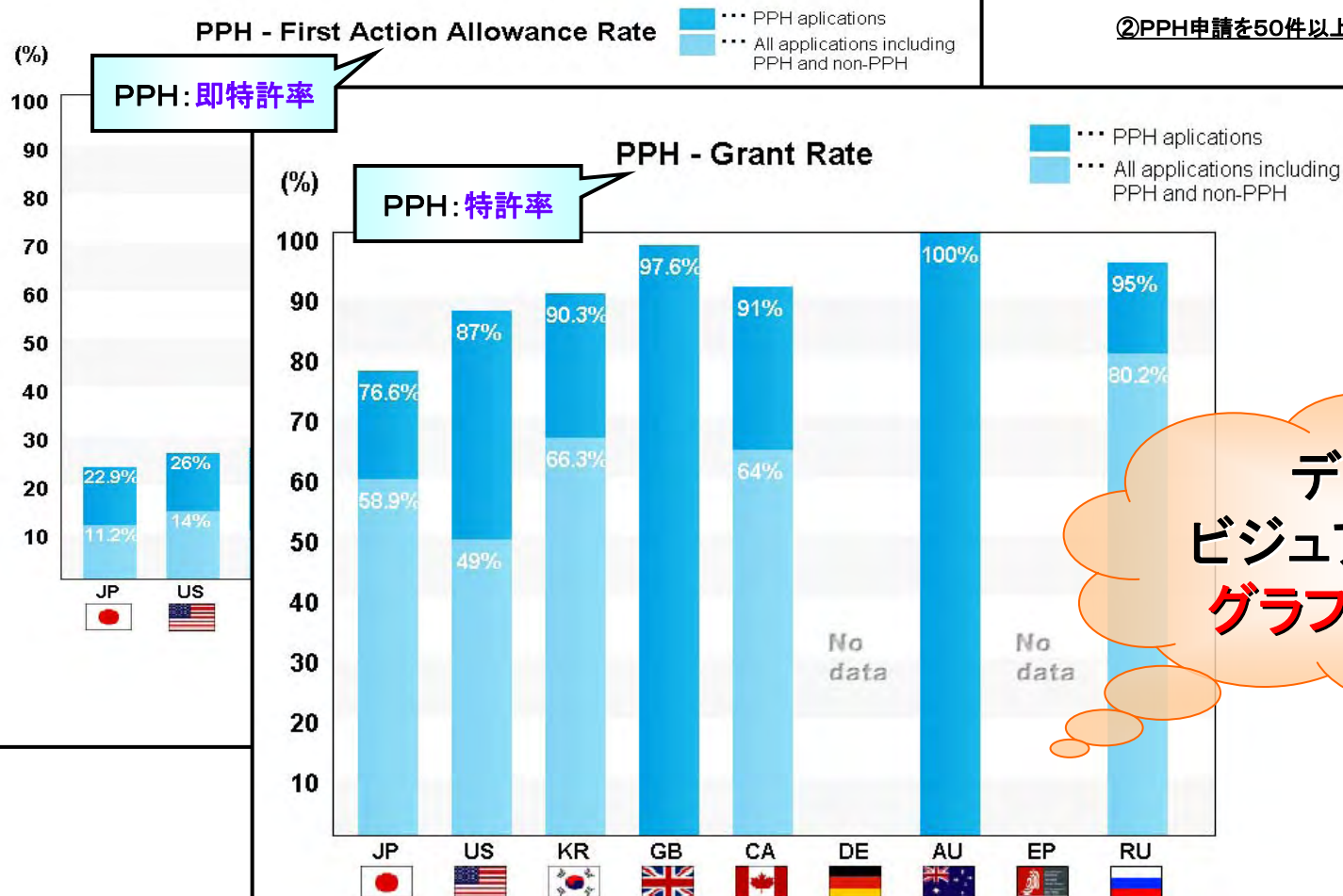
『Graph』アイコンをクリックすると...

➤ 各国統計データの提供(3)

(注) グラフが表示されるのは、

① PPHネットワークに加入して1年以上が経過した庁、かつ

② PPH申請を50件以上受理した庁のみ。



データを
ビジュアル化した
グラフが表示！

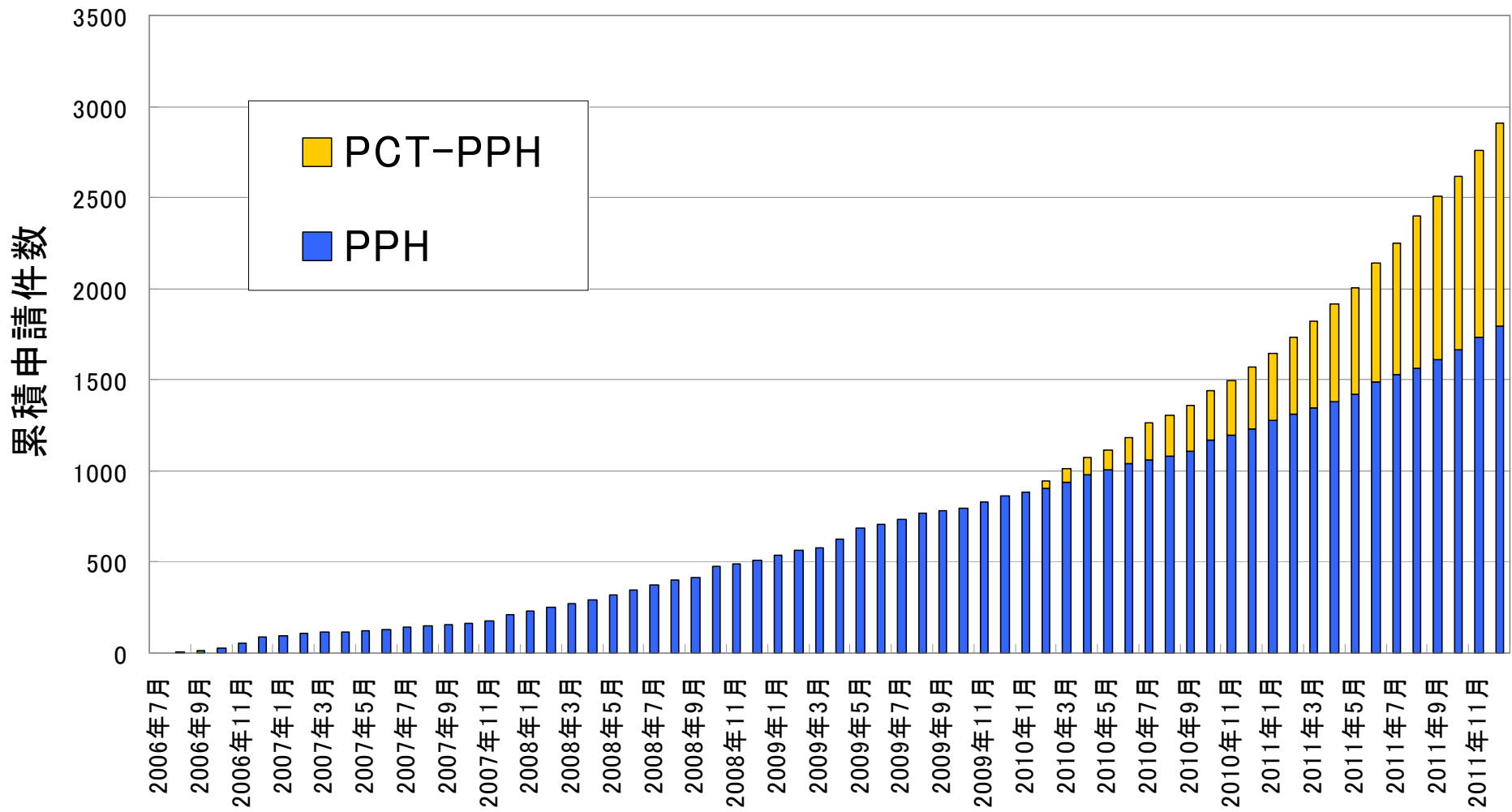
* The offices which meet the following requirements are indicated.
 1, The offices which have entered PPH network more than 1 year ago.
 2, The offices which have received more than 50 PPH requests.

コンテンツ

- ✓ PPHポータルサイトの紹介(PPH統計データ等)
- ✓ **PPH利用の拡大**
- ✓ 通常型PPHデータ
- ✓ PCT-PPHデータ

2. (1) 日本におけるPPH申請件数の推移

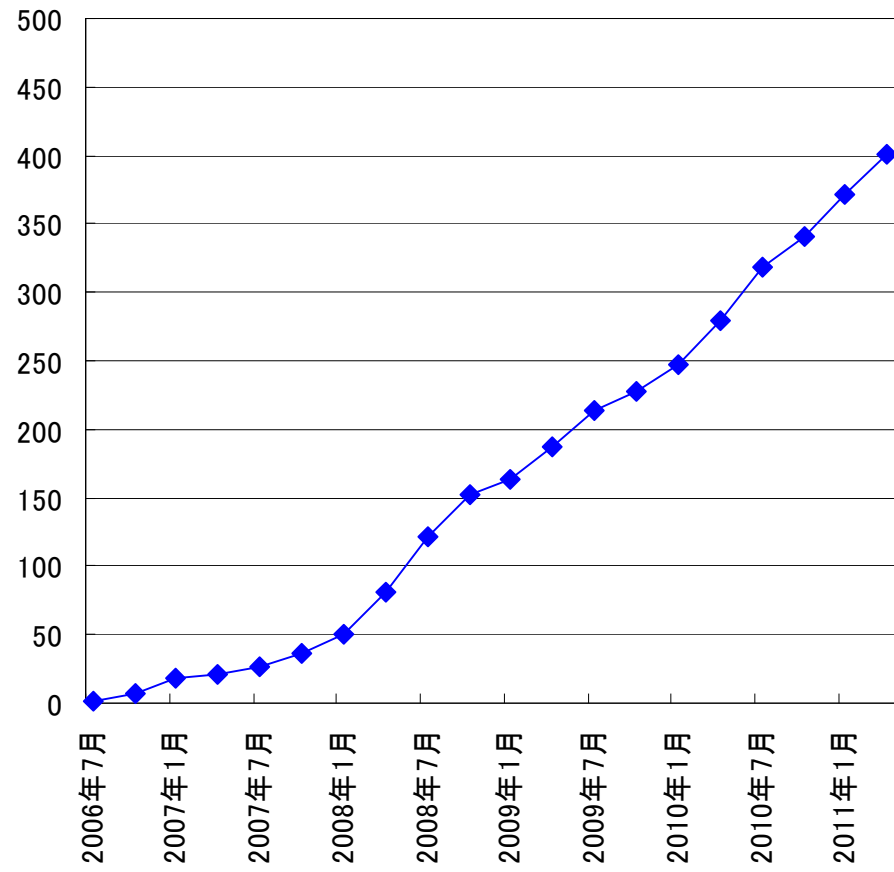
2011年12月末時点



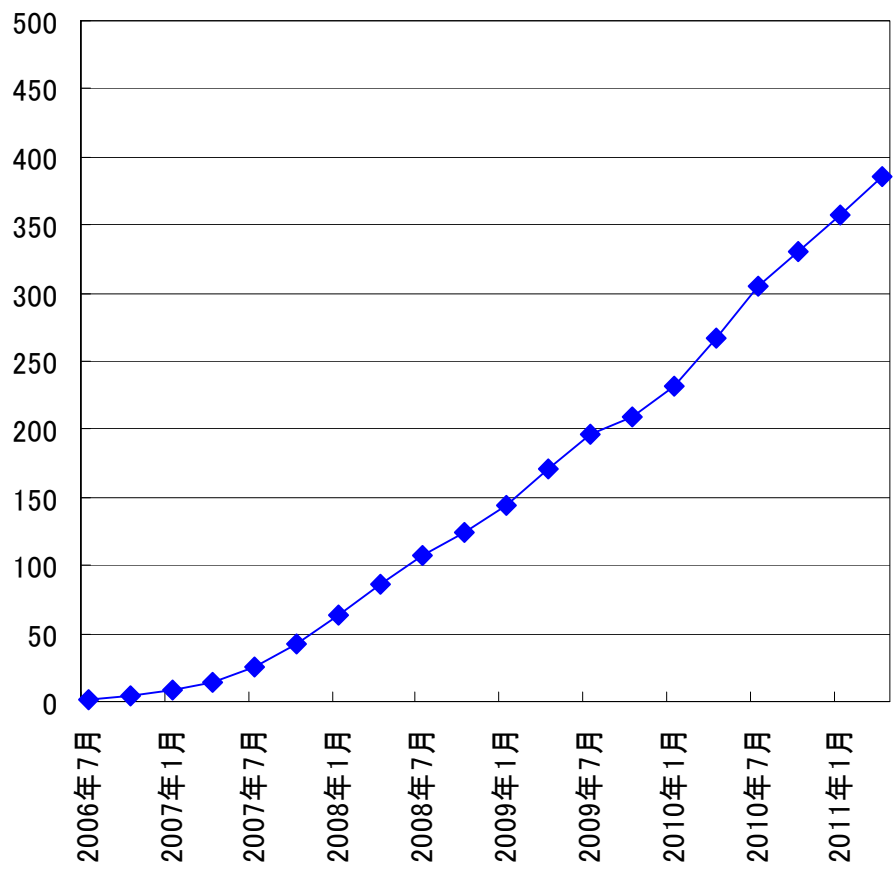
2. (2) PPH利用者総数の推移（日米PPH）※PCT-PPH含む

2011年4月末時点

米国 → 日本



日本 → 米国



コンテンツ

- ✓ PPHポータルサイトの紹介(PPH統計データ等)
- ✓ PPH利用の拡大
- ✓ **通常型PPHデータ**
- ✓ PCT-PPHデータ

3. (1) 通常型 PPH 申請件数

2011年12月末時点

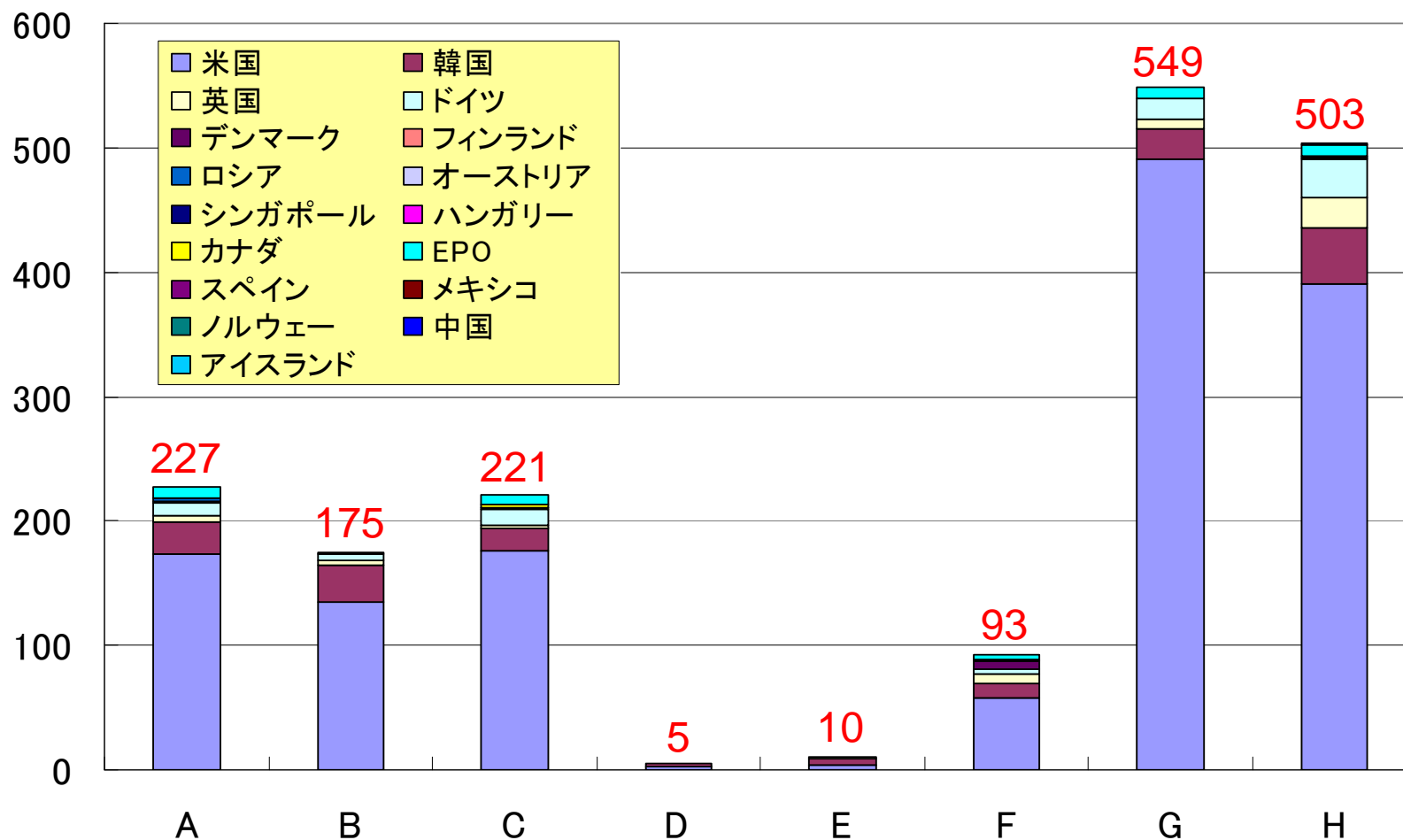
		第二庁(後続審査庁)																						
第一庁 (先行審査庁)		JP	US	KR	GB	CA	DE	AU	DK	EP	SG	FI	RU	AT	HU	ES	MX	PT	IL	TW	NO	CN	IS	合計
	JP		4703	1025	20 (0)	73	495	-	2	394	8	1 (0)	42	0	0	0	1	-	-	-	0	53	0	6817
	US	1438(12)		475	36 (1)	1922	40	146(7)	1	254	9	1 (0)	9	0	1	0	15	-	0	39	2	0	0	4388
	KR	160	851		4	5	1	-	0	-	-	0 (0)	0	-	-	1	-	-	-	-	-	-	-	1022
	GB	52(3)	205	19		-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	277
	CA	2(2)	107	1	-		0	-	0	-	-	1 (0)	-	-	-	0	-	-	-	-	-	-	-	111
	DE	80	65	13	-	11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	169
	AU	-	109	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109
	DK	7	90	4	-	1	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	102
	EP	40	191	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	231
	SG	0	2	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	2
	FI	5 (0)	19	0	-	1	-	-	-	-	-		0	0	0	0	-	-	-	-	-	-	-	25
	RU	3 (0)	8	0	-	-	-	-	-	-	-	0 (0)		-	-	0	-	-	-	-	-	-	-	11
	AT	1	0	-	-	-	-	-	-	-	-	0 (0)	-		0	-	-	-	-	-	-	-	-	1
	HU	2	3	-	-	-	-	-	-	-	-	0 (0)	-	0		-	-	-	-	-	-	-	-	5
	ES	0 (0)	0	0	-	0	-	-	-	-	-	0 (0)	0	-	-			0	-	-	-	-	-	0
	MX	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0		-	-	-	-	-	-	0
	PT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-		-	-	-	-	-	0
	IL	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	1
	TW	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	0
	NO	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	0
	CN	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	1
	IS	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		0
	合計	1791	6354	1537	60	2013	536	146	3	648	17	3	52	0	1	1	16	0	0	39	2	53	0	13272

※()内の数字は、PPH MOTTAINAI 試行プログラム申請件数で内数。

3. (2) IPCセクション毎の通常型PPH申請件数 (日本への申請)

2011年12月末時点

(件数)



A: 生活必需品 B: 処理操作; 運輸 C: 化学; 冶金 D: 繊維; 紙
E: 固定構造物 F: 機械工学; 照明; 加熱; 武器; 爆破 G: 物理学 H: 電気

コンテンツ

- ✓ PPHポータルサイトの紹介(PPH統計データ等)
- ✓ PPH利用の拡大
- ✓ 通常型PPHデータ
- ✓ **PCT-PPHデータ**

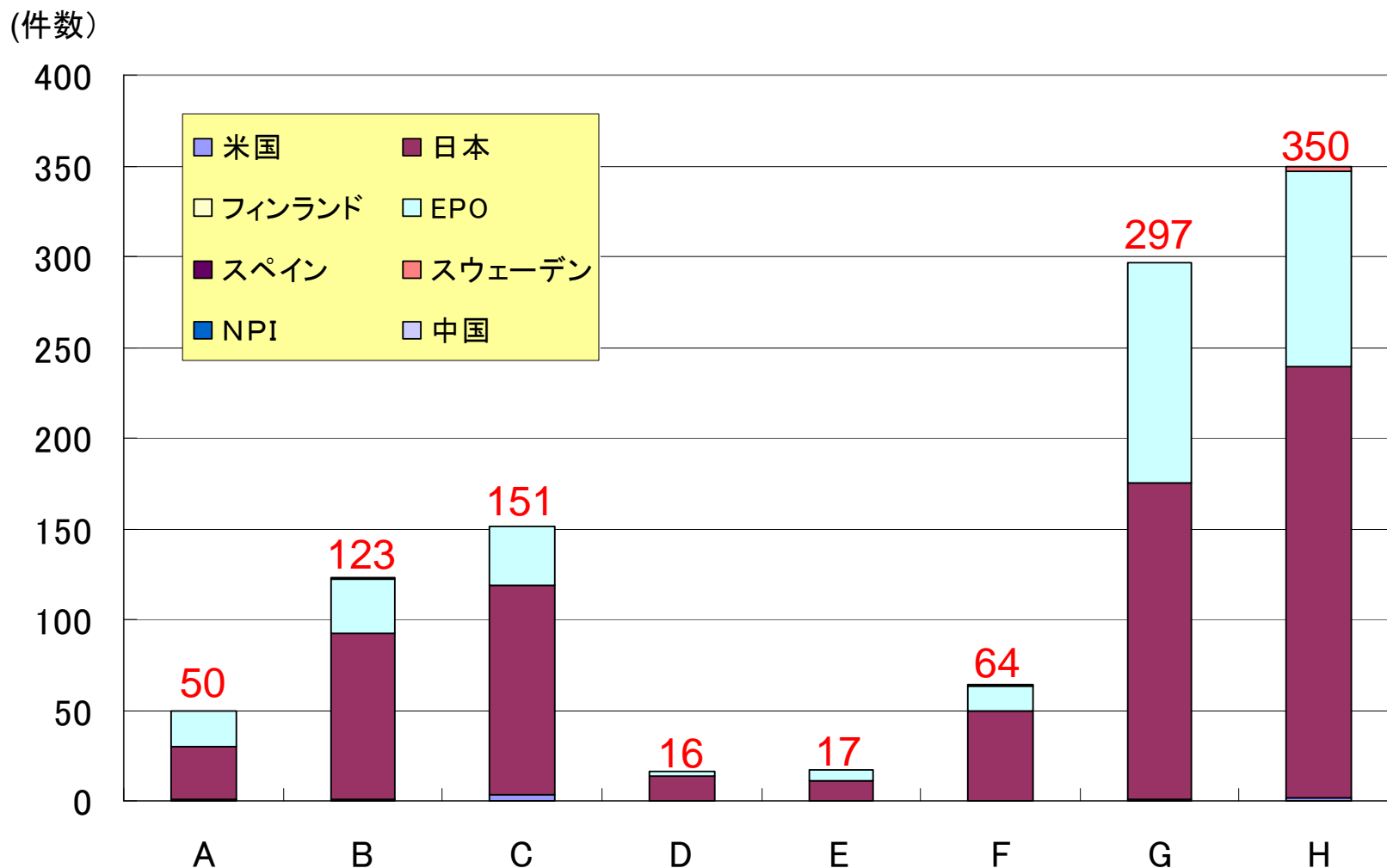
4. (1) PCT-PPH申請件数

2011年12月末時点

出願先特許庁																			
国際調査機関／国際予備審査機関		JP	US	KR	CA	AU	DK	EP	FI	RU	AT	ES	MX	SE	XN	NO	CN	IS	合計
	JP	765	537	-	-	-	0	188	0	1	-	0	0	0	-	0	7	0	1498
	US	10	137	8	-	5	0	11	0	1	0	0	-	0	-	0	0	0	172
	KR	-	963	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	975
	CA	-	3	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	23
	AU	-	88	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	91
	DK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	EP	338	814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1152
	FI	0	35	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	35
	RU	-	7	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	7
	AT	-	8	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	8
	ES	0	4	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	4
	MX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	SE	5	21	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	27
	XN	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	NO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	CN	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	合計	1118	2622	20	20	8	0	199	0	2	0	0	0	0	1	0	0	7	3997

4. (2) IPCセクション毎のPCT-PPH申請件数 (日本への申請)

2011年12月末時点



A: 生活必需品 B: 処理操作; 運輸 C: 化学; 冶金 D: 繊維; 紙
E: 固定構造物 F: 機械工学; 照明; 加熱; 武器; 爆破 G: 物理学 H: 電気