

Statistical Data



Applications

Application by IPR type

(unit: cases)

IPR type	2005	2006	2007	2008	2009	2010
Patents	160,921	166,189	172,469	170,632	163,523	170,101
Utility models	37,175	32,908	21,084	17,405	17,114	13,661
Subtotal	198,096	199,097	193,553	188,037	180,667	183,762
Industrial designs	45,222	51,039	54,362	56,750	57,903	57,187
	(46,615)	(52,879)	(55,662)	(58,912)	(59,537)	(59,204)
Trademarks	115,889	122,384	132,288	127,910	126,420	121,125
	(156,270)	(164,432)	(180,257)	(178,211)	(162,682)	(153,179)
Total	359,207	372,520	380,203	372,697	364,990	362,074
	(400,981)	(416,408)	(429,472)	(425,160)	(402,886)	(396,145)

Note: Figures in parentheses include multiple applications.

PCT applications

(unit: cases)

Year	2005	2006	2007	2008	2009	2010
Number of applications	4,690	5,919	7,063	7,911	8,026	9,639
Growth rate (%)	31.6	26.2	19.3	12.0	1.5	20.1

Note: Based on WIPO statistics.

International trademark applications under the Madrid Protocol

(unit: cases)

Period	Office of origin	Designated office
2005	154	6,699
2006	208	8,483
2007	283	9,072
2008	216	9,745
2009	280	7,824
2010	390	8,017

Note: KIPO started receiving international trademark applications under the Madrid Protocol on April 10, 2003.

Comparison of domestic and foreign applications

(unit: cases)

Classification		2006	2007	2008	2009	2010	Portion of total application in 2010
Domestic	Patents	125,476	128,701	127,114	127,316	131,805	36.4%
	Utility models	32,193	20,632	16,971	16,801	13,193	3.6%
	Designs	48,018	50,868	52,786	54,934	53,601	14.8%
		(49,766)	(52,055)	(54,278)	(56,391)	(55,369)	14.0%
	Trademarks	105,544	112,157	107,487	108,170	106,896	29.5%
		(136,590)	(147,489)	(144,920)	(134,019)	(129,993)	32.8%
Foreign	Total	311,231	312,358	304,358	307,221	305,495	84.4%
		(344,025)	(348,877)	(343,283)	(334,527)	(330,360)	83.4%
	Patents	40,713	43,768	43,518	36,207	38,296	10.6%
	Utility models	715	452	434	343	468	0.1%
	Designs	3,021	3,494	3,964	2,969	3,586	1.0%
		(3,113)	(3,607)	(4,634)	(3,146)	(3,835)	1.0%
	Trademarks	16,840	20,131	20,423	18,250	14,229	3.9%
		(27,842)	(32,768)	(33,291)	(28,663)	(23,186)	5.9%
	Total	61,289	67,845	68,339	57,769	56,579	15.6%
		(72,383)	(72,383)	(81,877)	(68,359)	(65,785)	16.6%

Applications

Patent applications by technological field

(unit: cases, %)

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Agriculture	2,129	137	2,266	654	2	656
	(1.3%)	(0.3%)	(1.1%)	(4.0%)	(0.5%)	(3.9%)
Foodstuffs, Tobacco	2,908	269	3,177	202	4	206
	(2.1%)	(0.6%)	(1.7%)	(1.0%)	(0.2%)	(1.0%)
Personal of domestic articles	4,795	439	5,234	2,810	85	2,985
	(3.9%)	(1.1%)	(3.2%)	(19.8%)	(11.5%)	(19.6%)
Health, Amusement	5,238	1,454	6,692	1,045	38	1,083
	(3.3%)	(3.8%)	(3.5%)	(7.7%)	(11.5%)	(7.8%)
Preparations for medical, dental, or toilet purposes	2,682	1,774	4,456	12		12
	(1.8%)	(4.5%)	(2.4%)	(0.1%)	(0.0%)	(0.1%)
Separating, Mixing	3,196	865	4,061	248	9	257
	(2.6%)	(2.6%)	(2.6%)	(2.0%)	(1.8%)	(2.2%)
Shaping	2,946	694	3,640	186	15	384
	(1.8%)	(1.7%)	(1.8%)	(1.4%)	(1.6%)	(2.5%)
Grinding, Polishing	3,039	862	3,901	369	15	384
	(2.2%)	(2.4%)	(2.3%)	(2.5%)	(1.6%)	(2.5%)
Printing	929	289	1,218	313	5	318
	(1.0%)	(0.8%)	(0.9%)	(3.2%)	(1.4%)	(3.1%)
Transporting	9,657	1,526	11,183	1,712	40	1,752
	(7.4%)	(4.3%)	(6.6%)	(12.2%)	(9.4%)	(12.1%)
Micro-structural technology, Nano-technology	406	82	488			
	(0.4%)	(0.2%)	(0.4%)	(0.0%)	(0.0%)	(0.0%)
Chemistry	2,765	806	3,571	77	4	81
	(1.8%)	(2.0%)	(1.8%)	(0.4%)	(0.7%)	(0.4%)
Organic chemistry	1,102	2,779	3,881	1		1
	(0.9%)	(7.6%)	(2.6%)	(0.0%)	(0.0%)	(0.0%)
Organic macromolecular compounds	1,651	1,643	3,294	2	1	3
	(1.1%)	(4.2%)	(1.9%)	(0.0%)	(0.0%)	(0.0%)
Dyes, Petroleum	2,073	1,325	3,398	21	1	22
	(1.3%)	(3.2%)	(1.8%)	(0.2%)	(0.0%)	(0.2%)
Biochemistry	1,751	570	2,321	14	1	14
	(1.1%)	(1.4%)	(1.2%)	(0.0%)	(0.2%)	(0.1%)
Metallurgy	2,018	950	2,968	13	1	24
	(1.1%)	(2.4%)	(1.4%)	(0.2%)	(0.7%)	(0.3%)

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Textiles or flexible materials	1,599	353	1,952	142	4	146
	(1.5%)	(1.0%)	(1.2%)	(1.0%)	(2.3%)	(1.1%)
Paper	164	82	246	13		13
	(0.2%)	(0.2%)	(0.2%)	(0.1%)	(0.0%)	(0.1%)
Building	7,601	306	7,907	1,343	15	1,358
	(5.9%)	(1.0%)	(4.6%)	(11.0%)	(4.6%)	(10.9%)
Earth or rock drilling, Mining	375	28	403	22		22
	(0.2%)	(0.1%)	(0.2%)	(0.2%)	(0.0%)	(0.2%)
Engines of pumps	2,899	960	3,859	163	23	186
	(2.2%)	(2.5%)	(2.3%)	(1.4%)	(1.8%)	(1.4%)
Engineering in general	2,335	794	3,129	289	12	301
	(1.7%)	(2.3%)	(1.9%)	(2.3%)	(3.5%)	(2.3%)
Lighting, Heating	5,833	723	6,556	768	30	798
	(4.2%)	(1.5%)	(3.5%)	(6.2%)	(5.1%)	(6.1%)
Weapons, Blasting	234	45	279	41		41
	(0.2%)	(0.1%)	(0.2%)	(0.2%)	(0.0%)	(0.2%)
Instruments	9,120	2,854	11,794	374	17	391
	(6.6%)	(8.1%)	(7.0%)	(2.9%)	(6.5%)	(3.0%)
Horology, Computing	12,918	2,578	15,496	401	48	449
	(9.4%)	(6.6%)	(8.7%)	(2.7%)	(6.7%)	(2.8%)
Educating, Information storage	4,011	938	4,949	407	10	417
	(3.5%)	(3.4%)	(3.5%)	(2.9%)	(1.8%)	(2.9%)
Nucleonics	257	58	315	14		14
	(0.2%)	(0.1%)	(0.2%)	(0.1%)	(0.0%)	(0.1%)
Electric elements, Electric techniques	17,932	6,915	24,847	817	77	894
	(14.7%)	(17.2%)	(15.3%)	(7.3%)	(20.7%)	(7.6%)
Electric circuitry, Electric communication technique	13,269	4,653	17,922	255	6	261
	(11.0.%)	(10.9%)	(11.0%)	(2.5%)	(1.6%)	(2.4%)
Others	3,835	539	4,374	478	5	483
	(3.8%)	(2.3%)	(3.4%)	(4.1%)	(2.1%)	(4.1%)
Total	131,805	38,296	170,101	13,193	468	13,661
	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)

Applications

Patent applications in biotechnology

(unit: cases, %)

Classification	2005	2006	2007	2008	2009	2010
Domestic	2,295	2,606	3,295	3,398	3,453	4,339
	[64.3%]	[71.1%]	[67.5%]	[67.1%]	[74.4%]	[72.5%]
Foreign	1,272	[71.1%]	1,587	1,669	1,191	1,648
	[35.7%]	[28.9%]	[32.5%]	[32.9%]	[25.6%]	[27.5%]
Total	3,567	[28.9%]	4,882	5,067	4,644	5,987

Note: Based on the following biotechnological categories of the Eighth Edition of the International Patent Classification: A01H; A01K 67/00-67/04; A01N 63/00-65/00; A61K 8/97-8/99; A61K 8/64-8/68; A61K 35/12-35/76; 36/00-36/9068; A61K 38/00-38/58, 39/00-39/44, 48/00, 51/00-51/10; C02F 3/00-3/34, 11/02-11/04; C07H 19/00-21/04; C07K; C12C-M; C12N; C12P; C12Q; C12S; G01N 33/50-33/98.

Patent applications in business methods

(unit: cases, %)

Classification	2005	2006	2007	2008	2009	2010
Domestic	4,205	5,248	6,280	4,788	4,903	4,994
	[87.3%]	[86.4%]	[87.8%]	[92.7%]	[94.2%]	[93.7%]
Foreign	663	727	603	375	301	337
	[12.7%]	[13.6%]	[12.2%]	[7.3%]	[5.8%]	[6.3%]
Total	4,868	5,975	6,883	5,163	5,204	5,331

Note: Based on the Eighth Edition of the International Patent Classification.

Applications by residents of foreign countries in 2010

(unit: cases)

Classification	Patents	Utility models	Designs	Trademarks	International Trade marks	Total
Andorra				2	[2]	2 [2]
Argentina	2			8	[9]	10 [11]
Australia	196	6	21 [22]	135 [239]	167 [307]	525 [770]
Austria	155	4	1 [1]	32 [42]	77 [242]	269 [444]
Bahamas	11		4 [4]	8 [9]		23 [24]
Barbados	18			17 [39]		35 [57]
Belarus	2				4 [10]	6 [12]
Belgium	255		21 [21]	27 [36]		303 [312]
Belize		3				3 [3]
Benelux					334 [730]	334 [730]
Bermuda	14		1 [2]	38 [75]		53 [91]
Botswana					1 [45]	1 [45]
Brazil	54		1 [1]	47 [57]		102 [112]
Brunei Darussalam	3					3 [3]
Bulgaria	1			2 [2]	13 [34]	16 [37]
Canada	471	1	23 [23]	230 [364]		725 [859]
Cayman Islands	21			37 [67]		58 [88]
Chile				61 [75]		61 [75]
China	517	63	67 [67]	585 [857]	664 [1,028]	1,896 [2,532]
Colombia				1 [2]		1 [2]
Croatia	1				2 [6]	3 [7]
Cuba	5			4 [4]	1 [1]	10 [10]
Cyprus	7		7 [7]	10 [20]	6 [8]	30 [42]
Czech Republic	8			6 [10]	14 [34]	28 [52]
Denmark	140		18 [18]	50 [122]	60 [133]	268 [413]
Egypt	2			1 [1]	1 [1]	4 [4]
Equatorial Guinea				1 [3]		1 [3]
Estonia	2				2 [12]	4 [14]
Finland	387		21 [21]	25 [54]	46 [116]	479 [578]
France	1,575		97 [97]	601 [977]	765 [1,642]	3,038 [4,291]
Germany	3,412	9	203 [222]	526 [820]	871 [2,150]	5,021 [6,613]
Gibraltar					59 [113]	59 [113]
Greece	4				2 [5]	6 [9]
Guatemala				3 [3]		3 [3]
Hong Kong, China	8		1 [16]	57 [98]		66 [122]

Applications

Classification	Patents	Utility models	Designs		Trademarks		International Trade marks		Total	
Hungary	15	1			2	(5)	4	(8)	22	(29)
Iceland	5						6	(6)	11	(11)
India	103	1			73	(124)			177	(228)
Indonesia	1				16	(16)			17	(17)
Iran					2	(2)	12	(41)	14	(43)
Ireland	68		1	(1)	44	(93)	12	(16)	125	(178)
Israel	196		3	(3)	20	(23)	4	(4)	223	(226)
Italy	368	2	95	(98)	306	(480)	522	(1,076)	1,293	(2,024)
Japan	14,346	37	1,498	(1,528)	3,936	(6,615)	791	(1,472)	20,608	(23,998)
Jordan	3								3	(3)
Kenya							1	(3)	1	(3)
Latvia	4						5	(14)	9	(18)
Liechtenstein	109		18	(18)	13	(19)	25	(69)	165	(215)
Luxembourg	63		10	(10)	103	(204)			176	(277)
Macao	1				3	(3)			4	(4)
Malaysia	12		9	(9)	37	(45)			58	(66)
Malta	1				8	(9)			9	(10)
Marshall Islands					2	(4)			2	(4)
Mauritius	1				8	(11)			9	(12)
Mexico	11				20	(25)			31	(36)
Monaco					27	(53)	4	(33)	31	(86)
Mongolia					4	(4)	2	(5)	6	(9)
Morocco	1						5	(10)	6	(11)
Netherlands	918	2	127	(127)	194	(293)			1,241	(1,340)
Netherlands Antilles					8	(8)	8	(15)	16	(23)
New Zealand	36		6	(9)	53	(82)			95	(127)
Norway	98		16	(16)	16	(20)	55	(165)	185	(299)
Pakistan					2	(2)			2	(2)
Panama					12	(19)			12	(19)
Papua New Guinea					1	(3)			1	(3)
Peru					2	(3)			2	(3)
Philippines					6	(6)			6	(6)
Poland	7				5	(15)	19	(44)	31	(66)
Portugal	17				16	(24)	22	(41)	55	(82)
Puerto Rico					2	(2)			2	(2)

Classification	Patents	Utility models	Designs		Trademarks		International Trade marks		Total	
Qatar					2	[4]			2	[4]
Romania							1	[2]	1	[2]
Russian Federation	30	2	3	[3]	10	[36]	68	[242]	113	[313]
Samoa	2		11	[11]					13	[13]
San Marino							3	[8]	3	[8]
Saudi Arabia	15				23	[32]			38	[47]
Serbia	1						1	[1]	2	[2]
Singapore	129	2	8	[8]	124	[255]	66	[119]	329	[513]
Slovakia					1	[1]	3	[6]	4	[7]
Slovenia	1				2	[3]	1	[5]	4	[9]
South Africa	25		1	[1]	13	[16]			39	[42]
Spain	99	1	10	[10]	57	[87]	88	[145]	255	[342]
Sri Lanka	3								3	[3]
Sweden	521	5	19	[22]	76	[140]	53	[125]	674	[813]
Switzerland	1,028	3	99	[109]	484	[898]	711	[1,513]	2,325	[3,551]
Syrian Arab Republic					1	[1]			1	[1]
Taiwan, Province of China	640	282	156	[159]	317	[369]			1,395	[1,450]
Thailand	1	1	1	[1]	41	[70]			44	[73]
Tunisia	1				2	[2]			3	[3]
Turkey	8		2	[2]	3	[7]	65	[127]	78	[144]
Ukraine	1				2	[2]	14	[32]	17	[35]
United Arab Emirates					19	[30]			19	[30]
United Kingdom	572	4	81	[90]	569	[1,138]	198	[421]	1,424	[2,225]
United States of America	11,516	38	926	[1,078]	4,962	[7,789]	1,316	[1,917]	18,758	[22,338]
Uruguay	1	1			3	[3]			5	[5]
Venezuela	3				1	[1]			4	[4]
Viet Nam	1				3	[4]	17	[27]	21	[32]
Virgin Islands [British]	36				45	[81]			81	[117]
Yugoslavia							2	[4]	2	[4]
OHIM Office for Harmonization							822	[2,061]	822	[2,061]
Others	7				14	[18]	2	[2]	23	[27]
Total	38,296	468	3,586	[3,835]	14,229	[23,186]	8,017	[16,396]	64,596	[82,181]

Examinations

Patents and utility models

(unit: cases)

		First Action					Final Decisions			
		Approval of registration	Notice of preliminary rejection or amendment	Other notices	Withdrawal or abandonment	Total	Approval of registration	Final Decisions	Withdrawal abandonment, annulment or rejection	Total
Patents	2006	39,440	151,365	912	3,678	195,395	127,298	43,655	3,678	174,631
	2007	26,801	96,997	693	4,656	129,147	112,344	35,417	4,656	152,417
	2008	12,190	79,461	505	3,348	95,504	72,161	33,388	3,348	108,897
	2009	7,682	83,280	491	2,847	94,300	52,728	33,697	2,847	89,272
	2010	11,276	110,822	573	2,962	125,633	69,162	38,232	2,962	110,356
Utility Models	2006		10			10	3	4		7
	2007	1,953	5,374	15		7,342	2,714	919	0	3,633
	2008	1,713	10,236	73	686	12,708	5,267	6,313	686	12,266
	2009	958	9,222	47	505	10,732	4,202	6,084	505	10,791
	2010	1,286	10,189	52	516	12,043	4,862	5,838	516	11,216

Industrial designs and trademarks

(unit: cases)

		First Action				Final Decisions		
		Publication/ approval of registration	Notice of preliminary rejection	Other notices	Total	Approval of registration	Rejection	Total
Industrial designs	2006	30,204	16,053	124	46,381	40,562	40,562	45,376
		(31,335)	(16,910)	(124)	(48,369)	(42,183)	(42,183)	(47,211)
	2007	32,604	23,850	130	56,584	44,948	44,948	53,119
		(33,758)	(24,694)	(135)	(58,587)	(46,539)	(46,539)	(54,999)
	2008	26,111	23,912	94	50,117	41,337	41,337	50,186
		(26,844)	(24,549)	(99)	(51,492)	(42,466)	(42,466)	(51,514)
	2009	22,060	19,424		41,484	34,321	34,321	42,005
		(23,404)	(20,365)		(43,769)	(36,179)	(36,179)	(44,178)
	2010	25,889	22,134		48,023	34,321	34,321	42,005
		(26,985)	(22,793)		(49,778)	38,882	(36,179)	(44,178)
Trade-marks	2006	68,253	58,809	1,395	(48,237)	92,916	32,969	125,885
		(88,931)	(81,126)	(1,988)	(172,045)	(130,175)	(40,351)	(170,526)
	2007	60,950	65,515	1,244	127,709	88,079	27,368	115,447
		(82,020)	(88,164)	(1,674)	(171,858)	(118,528)	(36,829)	(155,357)
	2008	59,938	57,537	321	117,796	94,065	29,994	124,059
		(79,197)	(83,007)	(493)	(162,697)	(133,297)	(36,210)	(169,507)
	2009	54,376	35,262		89,638	74,285	19,129	93,414
		(63,285)	(45,960)		(109,245)	(92,013)	(23,138)	(115,151)
	2010	62,272	44,673		106,945	78,218	21,369	99,587
		(75,423)	(57,789)		(133,212)	(99,127)	(26,034)	(125,161)

Note: Figures in parentheses include multiple applications.

Examinations

Average first action pendency period for patents and utility models

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	17.3	9.8	9.8	12.1	15.4	18.5

Average total pendency period for patents and utility models

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	25.5	19.7	15.0	17.4	22.2	24.6

Average first action pendency period for trademarks

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	7.3	5.9	5.7	6.5	9.7	10.6

Average total pendency period for trademarks

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	10.6	8.9	8.7	9.2	13.0	14.1

Average first action pendency period for international trademarks

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
	8.8	8.8	8.9	7.6	9.1	9.9

Average total pendency period for international trademarks

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	13.5	13.9	15.3	15.1	14.3	15.2

Average first action pendency period for designs

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	6.7	5.9	5.5	5.6	9.0	10.0

Average total pendency period for designs

(unit: months)						
Year	2005	2006	2007	2008	2009	2010
Patents	8.2	6.7	6.3	7.1	10.5	11.3

International search reports and International preliminary examination reports

(unit: cases)		
Year	ISRs	IPERs
2003	2,315	1,310
2004	2,913	1,035
2005	3,649	842
2006	4,753	639
2007	8,280	586
2008	12,936	474
2009	16,926	362
2010	20,810	324

Registrations

Registrations by IPR type

(unit: cases)

IPR type	2004	2005	2006	2007	2008	2009	2010	Percentage change for 2009[%]
Patents	49,068	73,512	120,790	123,705	83,523	56,732	68,843	△21.3
Utility models	34,182	32,716	29,736	2,795	4,975	3,949	4,301	△8.9
Subtotal	83,250	106,228	150,526	126,500	88,498	60,681	73,144	△20.5
Industrial designs	31,021	33,993	34,206	40,745	39,858	32,091	33,697	△5.0
Trademarks	51,104	57,873	65,825	60,361	65,583	53,155	53,136	0.0
Total	165,375	198,094	250,557	227,606	193,939	145,927	159,977	△9.6

Note: Trademark registration renewals are excluded.

Comparison of domestic and foreign registrations

(unit: cases)

Classification		2005	2006	2007	2008	2009	2010	Potion of total registrations on 2010
Domestic	Patents	53,419	89,303	91,645	61,115	42,129	51,404	32.1%
	Utility models	32,104	29,031	2,739	4,875	3,880	4,199	2.6%
	Designs	31,040	31,503	37,631	36,645	29,628	31,523	19.7%
		[32,052]	[32,795]	[38,608]	[37,406]	[30,806]	[32,840]	[31.2%]
	Trademarks	46,683	52,827	48,266	50,927	38,538	41,712	26.1%
		[57,256]	[63,340]	[56,919]	[59,607]	[45,426]	[48,302]	[45.9%]
	Total	163,246	202,664	180,281	153,562	114,175	128,838	80.5%
		[174,831]	[214,469]	[189,911]	[163,003]	[122,241]	[81,142]	[77.1%]
Foreign	Patents	20,093	31,487	32,060	22,408	14,603	17,439	10.9%
	Utility models	612	705	56	100	69	102	0.1%
	Designs	2,953	2,703	3,114	3,213	2,463	2,174	1.4%
		[3,006]	[2,762]	[3,184]	[3,494]	[2,915]	[2,343]	[2.2%]
	Trademarks	11,190	12,998	12,095	14,656	14,617	11,424	7.1%
		[18,635]	[22,107]	[20,927]	[26,552]	[28,478]	[21,717]	[20.6%]
	Total	34,848	47,893	47,325	40,377	31,752	31,139	19.5%
		[42,346]	[57,061]	[56,227]	[52,554]	[46,065]	[24,060]	[22.9%]

Note : Figures in parentheses include multiple applications

Patent registrations by technological field

(unit: cases, %)

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Agriculture	769 [1.5%]	86 [0.5%]	855 [1.2%]	205 [4.9%]	6 [5.1%]	211 [4.9%]
Biochemistry	631 [1.2%]	148 [0.8%]	779 [1.1%]	6 [0.1%]	[0.0%]	6 [0.1%]
Building	3,675 [7.1%]	165 [0.9%]	3,840 [5.6%]	499 [11.9%]	8 [6.8%]	507 [11.8%]
Chemistry	1,282 [2.5%]	259 [1.5%]	1,541 [2.2%]	29 [0.7%]	[0.0%]	29 [0.7%]
Dyes, Petroleum	8,535 [1.7%]	390 [2.2%]	1,243 [1.8%]	5 [0.1%]	[0.0%]	5 [0.1%]
Earth or rock drilling, Mining	141 [0.3%]	12 [0.1%]	153 [0.2%]	4 [0.1%]	[0.0%]	4 [0.1%]
Educating, Information storage,	1,543 [3.0%]	804 [4.6%]	2,347 [3.4%]	94 [2.2%]	2 [1.7%]	96 [2.2%]
Electric circuitry, Electric communication technique	5,956 [11.6%]	3,401 [19.5%]	9,357 [13.6%]	118 [2.8%]	2 [1.7%]	120 [2.8%]
Electric elements, Electric techniques	7,981 [15.5%]	3,111 [17.8%]	11,092 [16.1%]	386 [9.2%]	25 [21.4%]	411 [9.6%]
Engineering in general	959 [1.9%]	276 [1.6%]	1,235 [1.8%]	107 [2.6%]	2 [1.7%]	109 [2.5%]
Engines of pumps	916 [1.8%]	339 [1.9%]	1,255 [1.8%]	61 [1.5%]	3 [2.6%]	64 [1.5%]
Foodstuffs, Tobacco	866 [1.7%]	82 [0.5%]	948 [1.4%]	37 [0.9%]	1 [0.9%]	38 [0.9%]
Grinding, Polishing,	1,217 [2.4%]	326 [1.9%]	1,543 [2.2%]	82 [2.0%]	1 [0.9%]	83 [1.9%]
Health, Amusement	1,904 [3.7%]	500 [2.9%]	2,404 [3.5%]	324 [7.7%]	6 [5.1%]	330 [7.7%]
Horology, Computing,	4,168 [8.1%]	1,623 [9.3%]	5,791 [8.4%]	99 [2.4%]	7 [6.0%]	106 [2.5%]
Instruments	4,349 [8.5%]	1,434 [8.2%]	5,783 [8.4%]	159 [3.8%]	10 [8.5%]	169 [3.9%]
Lighting, Heating	2,092 [4.1%]	220 [1.3%]	2,312 [3.4%]	331 [7.9%]	7 [6.0%]	388 [7.9%]
Metallurgy	872 [1.75%]	428 [2.5%]	1,300 [1.9%]	29 [0.7%]	[0.0%]	29 [0.7%]
Micro-structural technology, Nano-technology	218 [0.4%]	26 [0.1%]	244 [0.4%]	[0.0%]	[0.0%]	[0.0%]
Nucleonics	211 [0.4%]	29 [0.2%]	240 [0.3%]	18 [0.4%]	[0.0%]	18 [0.4%]
Organic chemistry	515 [1.0%]	778 [4.5%]	1,293 [1.9%]	[0.0%]	[0.0%]	[0.0%]
Organic macromolecular compounds	640 [1.2%]	701 [4.0%]	1,341 [1.9%]	[0.0%]	[0.0%]	[0.0%]
Paper	103 [0.2%]	38 [0.2%]	141 [0.2%]	4 [0.1%]	[0.0%]	4 [0.1%]
Personal of domestic articles	1,529 [3.0%]	125 [0.7%]	1,654 [2.4%]	728 [17.4%]	12 [10.3%]	740 [17.2%]
Preparations for medical, dental, or toilet purposes	648 [1.3%]	352 [2.0%]	1,000 [1.5%]	5 [0.1%]	[0.0%]	5 [0.1%]
Printing	311 [0.6%]	154 [0.9%]	465 [0.7%]	72 [1.7%]	[0.0%]	72 [1.7%]
Separating, Mixing	1,532 [3.0%]	399 [2.3%]	1,931 [2.8%]	111 [2.7%]	2 [1.7%]	113 [2.6%]
Shaping	1,361 [2.6%]	292 [1.7%]	1,653 [2.4%]	82 [2.0%]	1 [0.9%]	83 [1.9%]
Textiles or flexible materials	597 [1.2%]	158 [0.9%]	755 [1.1%]	42 [1.0%]	6 [5.1%]	48 [1.1%]
Transporting	3,495 [6.8%]	768 [4.4%]	4,263 [6.2%]	530 [12.7%]	10 [8.5%]	540 [12.6%]
Weapons, Blasting	69 [0.1%]	15 [0.1%]	84 [0.1%]	5 [0.1%]	1 [0.9%]	6 [0.1%]
Others	1 [0.0%]	0 [0.0%]	1 [0.0%]	0 [0.0%]	0 [0.0%]	0 [0.0%]
Total	51,404 [100%]]	17,439[100%]	68,843[100%]	4,184[100%]	117[100%]	4,301[100%]

Note: 1. "Others" refers to non-classified applications

2. Based on the Ninth Edition of the International Patent Classification

Registrations

Patent registrations in biotechnology

(unit: cases, %)

Classification	2005		2006		2007		2008		2009		2010	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	1,490	67.9%	1,911	71%	2,089	74%	1,856	75.0%	1,004	73.2%	1,391	79.3%
Foreign	532	32.1%	778	29%	741	26%	618	24.8%	368	26.8%	364	20.7%
Total	2,022		2,689		2,830		2,474		1,372		1,755	

Note: Based on the following biotechnological categories of the Ninth Edition of the International Patent Classification: A01H; A01K 67/00~67/04; A01N 63/00~65/00; A61K 8/97~8/99; A61K 8/64~8/68; A61K 35/12~35/76; 36/00~36/9068; A61K 38/00~38/58, 39/00~39/44, 48/00, 51/00~51/10; C02F 3/00~3/34, 11/02~11/04; C07H 19/00~21/04; C07K; C12C~M; C12N; C12P; C12Q; C12S; G01N 33/50~33/98.

Patent registrations in business methods

(unit: cases)

Classification	2005	2006	2007	2008	2009	2010
Domestic	1,242	1,669	2,457	1,101	843	1,040
Foreign	193	286	404	156	84	150
Total	1,435	1,955	2,861	1,257	927	1,190
Percentage change for 2009	8.1%	36.2%	46.3%	-56.1%	-26.3%	29.1%

Registrations by residents of foreign countries in 2010

(unit: cases)

Classification	Patents	Utility models	Designs		Trademarks		International Trademarks		Total	
Japan	8,332	6	941	[976]	1,916	[3,604]	569	[1,193]	11,764	[14,111]
U.S.A.	4,711	6	617	[725]	2,126	[3,287]	773	[1,261]	8,233	[9,990]
Germany	1,033		83	[91]	377	[802]	1,035	[2,771]	2,528	[4,697]
France	621		40	[40]	239	[426]	490	[1,116]	1,390	[2,203]
Netherlands	439		78	[78]	87	[194]	149	[369]	753	[1,080]
Switzerland	292		55	[57]	265	[455]	496	[1,069]	1,108	[1,873]
United Kingdom	225		48	[48]	231	[496]	199	[671]	703	[1,440]
Taiwan	231	70	36	[39]	203	[237]			540	[577]
China	203	17	25	[25]	300	[436]	338	[464]	883	[1,145]
Finland	307		26	[26]	11	[23]	28	[81]	372	[437]
Italy	114	1	46	[55]	184	[332]	389	[1,012]	734	[1,514]
Sweden	244	1	41	[41]	40	[108]	83	[262]	409	[656]
Canada	137		27	[27]	93	[178]	10	[16]	267	[358]
Australia	62	1	23	[24]	78	[137]	110	[225]	274	[449]
Singapore	27		4	[4]	53	[88]	34	[84]	118	[203]
Israel	91		8	[8]	14	[23]	1	[1]	114	[123]
Belgium	62		4	[4]	27	[50]	47	[130]	140	[246]
Denmark	55		27	[27]	31	[55]	87	[198]	200	[335]
British Virgin Islands	4				29	[56]	6	[16]	39	[76]
Austria	34		6	[6]	19	[53]	57	[156]	116	[249]
Spain	14		3	[3]	49	[64]	115	[233]	181	[314]
Luxembourg	25		1	[1]	31	[59]	24	[112]	81	[197]
Norway	23		4	[4]	16	[40]	33	[112]	76	[179]
Hong Kong	5				26	[34]			31	[39]
India	15				2	[3]			17	[18]
Ireland	16		1	[1]	21	[26]	19	[28]	57	[71]
Liechtenstein	9		18	[18]	10	[16]	36	[85]	73	[128]
Brazil	3		1	[1]	15	[21]			19	[25]
New Zealand	6		1	[3]	24	[34]			31	[43]
Chile					46	[46]			46	[46]
Malaysia	3		2	[2]	37	[46]	1	[1]	43	[52]
Thailand			1	[1]	15	[21]			16	[22]
The Cayman Islands	32				52	[58]	3	[6]	87	[96]

Registrations

Classification	Patents	Utility models	Designs	Trademarks	International Trademarks	Total				
South Africa	7		(2)	5	(5)	12	(5)			
United Arab Emirates			2	(1)	5	(7)	1	(2)	7	(11)
Saudi Arabia	3				19	(44)	2	(2)	22	(46)
Mexico	6				14	(16)			20	(16)
Hungary	2		1		4	(8)	7	(20)	7	(29)
Bermuda	2		1		20	(27)	6	(6)	23	(35)
Russia	9		2	(4)	7	(14)	26	(45)	18	(61)
Portugal	1				7	(16)	14	(43)	8	(59)
Turkey	3				4	(4)	26	(67)	7	(71)
Greece					6	(16)	2	(3)	6	(19)
Bahamas	1				2	(4)	3	(5)	3	(9)
Czech Republic	5				10	(32)	16	(46)	15	(78)
Cyprus	1				9	(26)	9	(31)	10	(57)
Barbados	4				6	(7)	1	(1)	10	(8)
Poland	2				4	(4)	15	(22)	6	(26)
Philippines					11	(17)	1	(4)	11	(21)
Cuba	3				1	(1)	1	(1)	4	(2)
Vietnam					5	(5)	14	(37)	5	(42)
Argentine Republic					6	(6)			6	(6)
Panama					5	(5)	1	(1)	5	(6)
Ukraine	1						1	(3)	1	(3)
Egypt					1	(2)			1	(2)
Indonesia					20	(26)			20	(26)
Slovenia	1						3	(12)	1	(12)
Colombia					2	(2)	1	(1)	2	(3)
Others	13		1	(1)	750	(2,233)	52	(124)	764	(2,358)
Total	17,439	102	2,174	(2,343)	6,090	(9,569)	5,334	(12,148)	31,139	(41,601)

Trials and appeals

Petitions

		(unit: cases)					
Classification		2005	2006	2007	2008	2009	2010
Grand Total	Patents	7,142	9,725	10,950	12,238	10,561	9,274
	Utility models	786	765	753	906	828	559
	Designs	480	503	601	766	663	689
		(484)	(546)	(611)	(806)	(677)	(691)
	Trademarks	4,346	4,498	5,296	4,954	3,531	3,354
		(5,869)	(6,056)	(7,081)	(7,040)	(5,058)	(4,626)
	Total	12,754	15,491	17,600	18,864	15,583	13,876
		(14,281)	(17,092)	(19,395)	(20,990)	(17,124)	(15,150)
Ex partes	Patents	6,365	8,821	9,870	11,055	9,533	8,201
	Utility models	307	278	288	450	513	307
	Designs	153	119	174	247	242	217
		(153)	(119)	(179)	(279)	(243)	(219)
	Trademarks	2,602	2,654	3,378	2,843	1,903	1,676
		(3,803)	(3,844)	(4,791)	(4,442)	(2,969)	(2,574)
	Subtotal	9,427	11,872	13,710	14,595	12,191	10,401
		(10,628)	(13,062)	(15,128)	(16,226)	(13,258)	(11,301)
Inter partes	Patents	777	904	1,080	1,183	1,028	1,073
	Utility models	479	487	465	456	315	252
	Designs	327	384	427	519	421	472
		(331)	(427)	(432)	(527)	(434)	(472)
	Trademarks	1,744	1,844	1,918	2,111	1,628	1,678
		(2,066)	(2,212)	(2,290)	(2,598)	(2,089)	(2,052)
	Subtotal	3,327	3,619	3,890	4,269	3,392	3,475
		(3,653)	(4,030)	(4,267)	(4,764)	(3,866)	(3,849)

Note: 1. Figures in parentheses include multiple applications

Trials and appeals

Actions

(unit: cases)

Classification		Decision			Invalidation			Registration			Total		
		2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Grand Total	Patents	5,258	4,719	4,893	316	314	293	5,163	4,849	4,370	10,737	9,882	9,556
	Utility models	732	545	496	29	65	46	94	138	104	855	748	646
	Designs	542	605	622	46	32	24	39	46	27	627	683	673
		(583)	(619)	(626)	(48)	(32)	(24)	(39)	(46)	(27)	(670)	(697)	(677)
	Trademarks	5,096	3,895	3,183	44	26	36			0	5,140	3,921	3,219
		(7,085)	(5,347)	(4,527)	(126)	(54)	(66)			(0)	(7,211)	(5,401)	(4,593)
	Total	11,628	9,764	9,194	435	437	399	5,296	5,033	4,501	17,359	15,234	14,094
		(13,658)	(11,230)	(10,542)	(519)	(465)	(429)	(5,296)	(5,033)	(4,501)	(19,473)	(16,728)	(15,472)
Ex partes	Patents	4,226	3,774	3,851	295	303	285	5,163	4,849	4,370	9,684	8,926	8,506
	Utility models	270	194	251	24	59	42	94	138	104	388	391	397
	Designs	122	127	155	37	30	22	39	46	27	198	203	204
		(155)	(127)	(158)	(37)	(30)	(22)	(39)	(46)	(27)	(231)	(203)	(207)
	Trademarks	3,196	2,138	1,618	15	9	8				3,211	2,147	1,626
		(4,837)	(3,231)	(2,518)	(38)	(16)	(14)				(4,875)	(3,247)	(2,532)
	Subtotal	7,814	6,233	5,875	371	401	357	5,296	5,033	4,501	13,481	11,667	10,733
		(9,488)	(7,326)	(6,778)	(394)	(408)	(363)	(5,296)	(5,033)	(4,501)	(15,178)	(12,767)	(11,642)
Inter partes	Patents	1,032	945	1,042	21	11	8				1,053	956	1050
	Utility models	462	351	245	5	6	4				467	357	249
	Designs	420	478	467	9	2	2				429	480	469
		(428)	(492)	(468)	(11)	(2)	(2)				(439)	(494)	(470)
	Trademarks	1,900	1,757	1,565	29	17	28				1,929	1,774	1,593
		(2,248)	(2,116)	(2,009)	(88)	(38)	(52)				(2,336)	(2,154)	(2,061)
	Subtotal	3,814	3,531	3,319	64	36	42				3,878	3,567	3,361
		(4,170)	(3,904)	(3,764)	(125)	(57)	(66)				(4,295)	(3,961)	(3,830)

Note: Figures in parentheses include multiple applications

Successful petitions

(unit: cases, %)

Classification		2006		2007		2008		2009		2010	
		Accep- tance	Ratio	Accep- tance	Ratio	Accep- tance	Ratio	Accep- tance	Ratio	Accep- tance	Ratio
Ex partes	Patents	1,727	43.1%	1,650	35.7%	1,247	29.5%	926	24.5%	1,026	26.6%
	Utility models	128	36.1%	95	31.5%	89	33.0%	61	31.4%	54	21.5%
	Designs	43	51.8%	42	40.0%	53	43.4%	56	44.1%	59	38.1%
		[43]	[51.8%]	[42]	[40.0%]	[53]	[34.2%]	[56]	[44.1%]	[59]	[35.5%]
	Trademarks	1,312	51.9%	1,604	57.8%	1,734	54.3%	1,336	62.5%	1,008	62.3%
		[1,980]	[54.9%]	[2,359]	[59.1%]	[2,808]	[58.1%]	[2,146]	[66.4%]	[1,642]	[19.1%]
	Subtotal	3,210	46.1%	3,391	43.4%	3,123	40.0%	2,379	38.2%	2,147	36.5%
		[3,878]	[48.2%]	[4,146]	[45.9%]	[4,197]	[44.2%]	[3,189]	[43.5%]	[2,781]	[21.6%]
Inter partes	Patents	465	53.3%	571	53.5%	541	52.4%	499	52.8%	497	47.9%
	Utility models	263	54.0%	269	50.1%	227	49.1%	191	54.4%	130	53.1%
	Designs	189	56.1%	187	49.3%	223	53.1%	188	39.3%	248	53.1%
		[219]	[57.9%]	[189]	[49.5%]	[225]	[52.6%]	[190]	[38.6%]	[248]	[52.8%]
	Trademarks	1,024	61.4%	1,134	61.9%	1,136	59.8%	1,107	63.0%	894	57.1%
		[1,214]	[61.0%]	[1,331]	[60.6%]	[1,326]	[59.0%]	[1,312]	[62.0%]	[1,143]	[29.1%]
	Subtotal	1,941	57.7%	2,161	56.6%	2,127	55.8%	1,985	56.2%	1,769	53.4%
		[2,161]	[58.0%]	[2,360]	[56.4%]	[2,319]	[55.6%]	[2,192]	[56.1%]	[2,018]	[35.6%]
Grand Total	Patents	2,192	45.0%	2,221	39.0%	1,788	34.0%	1,425	30.2%	1,523	31.1%
	Utility models	391	46.4%	364	43.4%	316	43.2%	252	46.2%	184	37.1%
	Designs	232	55.2%	229	47.3%	276	50.9%	244	40.3%	307	49.4%
		[262]	[56.8%]	[231]	[47.4%]	[278]	[47.7%]	[246]	[39.7%]	[307]	[48.3%]
	Trademarks	2,336	55.7%	2,738	59.4%	2,870	56.3%	2,443	62.7%	1,902	59.8%
		[3,194]	[57.1%]	[3,690]	[59.6%]	[4,134]	[58.3%]	[3,458]	[64.7%]	[2,785]	[22.3%]
	Total	5,151	49.8%	5,552	47.8%	5,250	45.1%	4,364	44.7%	3,916	42.6%
		[6,039]	[51.3%]	[6,506]	[49.2%]	[6,516]	[47.7%]	[5,381]	[47.9%]	[4,799]	[25.9%]

Note: 1. The successful petitions refer to the number of petitions granted. These figures exclude cases where the registration was decided on the basis of an examiners's reconsideration before a trial and invalidation of a patent process
2. Figures in parentheses include multiple applications

Trials and appeals

Comparison of domestic and foreign trial requests

(unit: cases)

Classification		2006	2007	2008	2009	2010
Patents	Domestic	6,209	7,004	7,650	6,698	5,751
	Foreign	3,516	3,946	4,588	3,863	3,523
Utility Models	Domestic	758	744	900	817	543
	Foreign	7	9	6	11	16
Designs	Domestic	475	574	723	622	649
		(515)	(584)	(763)	(636)	(649)
	Foreign	28	27	43	41	40
		(31)	(27)	(43)	(41)	(42)
Trademarks	Domestic	2,769	3,252	2,878	2,112	2,220
		(3,315)	(3,750)	(3,474)	(2,530)	(2,647)
	Foreign	1,729	2,044	2,076	1,419	1,134
		(2,741)	(3,331)	(3,566)	(2,528)	(1,979)
Total	Domestic	10,211	11,574	12,151	10,249	9,163
		(10,797)	(12,082)	(12,787)	(10,681)	(9,590)
	Foreign	5,280	6,026	6,713	5,334	4,713
		(6,295)	(7,313)	(8,203)	(6,443)	(5,560)

Note: Figures in parentheses include multiple applications

Revenue and expenditure

Revenue

(unit: billion KRW)

	2006	2007	2008	2009	2010
Revenue from goods and services	266.336	274.235	267.775	273.503	309.739
Revenue carried over from the previous year	48.221	65.320	66.834	47.297	13.740
Internal revenue and others	37.226	26.011	13.927	19.295	43.410
Total	351.783	365.566	348.536	340.095	366.889

※ This statistics are based on the gross revenue.

Expenditure

(unit: billion KRW)

	2006	2007	2008	2009	2010
Major projects	198.262	210.950	200.904	222.993	192.041
Basic projects	15.294	16.133	12.690	13.054	12.627
Labor costs	72.907	76.746	81.871	82.943	85.707
Reserve fund	-	-	-	-	-
Deposit for special budget	-	-	10.000	10.000	45.000
Total	286.463	303.829	305.465	328.990	335.375

KIPO staff

(unit: number of positions)

		2006	2007	2008	2009	2010
Examiners	Patent and utility models	727	660	678	675	712
	Industrial designs and trademark	139	130	129	126	131
	Total	866	790	807	801	843
Appeal judges		79	99	99	99	99
Clerical staff		572	616	605	611	606
Total		1,517	1,528	1,511	1,511	1,548

Organizational
chart of KIPO

