

## Trilateral Statistics

Trilateral Offices Genegal Informaition

### Budget

Office	Post	1996	1997	1998	1999	2000	2001	2002
EPO (mio EURO)	Personnel Expenses	684	687	741	818	877	981	610
	Building Expenses	88	88	60	67	79	99	50
	Data Processing	101	68	68	78	87	105	72
	Patent Information	21	27	30	25	30	28	28
	Financial Expenses	40	26	15	15	3	2	35
	Other	85	86	90	69	90	96	
	<b>TOTAL</b>		<b>1,019</b>	<b>982</b>	<b>1,004</b>	<b>1,072</b>	<b>1,166</b>	<b>1,311</b>
JPO (mio Yen)	Personnel Expenses	27,180	28,513	28,932	29,381	29,196	28,829	29,350
	Computerization of Patent Processing	27,598	30,474	32,132	34,384	35,661	35,625	28,063
	Examinations and Appeals	8,717	10,177	8,900	4,844	12,819	16,999	23,928
	Patent Protection	6,029	3,829	12,700	9,792	2,810	2,041	6,454
	Developing the Patent Markets	2,221	3,264	2,502	6,304	9,196	6,199	5,716
	International Protection of IPRs		7,968	3,283	4,633	5,753	2,011	2,494
	NCIP in Operating Subsidies							5,502
	Other	7,255	2,875	6,651	9,962	8,665	15,667	9,354
<b>TOTAL</b>		<b>79,000</b>	<b>87,100</b>	<b>95,100</b>	<b>99,300</b>	<b>104,100</b>	<b>107,371</b>	<b>110,861</b>
USPTO (mio US\$)	Salaries and Benefits	340	353	396	453	518	571	646
	Equipment	96	42	67	47	52	76	68
	Rent and Utilities	59	72	58	77	86	84	82
	Printing	33	40	49	64	56	77	76
	Supplies and Materials	12	8	9	7	8	9	10
	Contracts / Services	159	192	186	211	251	259	206
	Other	2	2	3	4	7	3	8
	<b>TOTAL</b>		<b>701</b>	<b>709</b>	<b>768</b>	<b>863</b>	<b>978</b>	<b>1,079</b>

## Trilateral Statistics

Trilateral Offices Genegal Informaiton  
Staff

Office	Type	1996	1997	1998	1999	2000	2001	2002
EPO	Patent Examination	1,851	1,943	2,116	2,382	2,653	2,917	3,157
	Appeal	78	78	82	101	107	114	116
	Other	1,742	1,732	1,829	1,818	1,953	2,038	2,148
	TOTAL	3,671	3,753	4,027	4,301	4,713	5,069	5,421
JPO	Patent Examination	1,073	1,070	1,078	1,084	1,088	1,096	1,105
	Appeal	358	377	383	389	391	393	395
	Other	1,090	1,082	1,070	1,061	1,045	980	970
	TOTAL	2,521	2,529	2,531	2,534	2,524	2,469	2,470
USPTO	Patent Examination	2,434	2,158	2,594	2,940	3,143	3,165	3,489
	Appeal	84	81	86	102	117	114	2,366
	Other	2,714	2,975	3,090	3,221	3,134	3,280	866
	TOTAL	5,232	5,214	5,770	6,263	6,394	6,559	6,721

## Trilateral Statistics

Trilateral Offices Genegal Informaiton

### Production figures

Office			1996	1997	1998	1999	2000	2001	2002	
EPO	Searches carried out	European	40,125	42,121	48,875	52,577	53,807	51,220	58,213	
		PCT	27,082	32,176	39,390	44,974	56,242	56,307	68,421	
		Other	18,086	18,510	18,644	18,255	17,974	19,909	17,896	
		TOTAL	85,293	92,807	106,909	115,806	128,023	127,436	144,530	
	Examinations (Final actions)	European	52,862	45,982	45,935	40,903	45,881	55,284	66,086	
		PCT Ch II	15,680	19,785	25,039	28,996	35,519	41,020	49,438	
		Opposition	2,331	2,198	2,469	2,318	2,351	2,091	1,934	
		TOTAL	70,873	67,965	73,443	72,217	83,751	98,395	117,458	
	Appeals	Technical	862	902	954	1,060	1,139	1,170	1,336	
		PCT	5	9	8	10	17	24	19	
		Other	44	52	63	49	51	58	48	
		TOTAL	911	963	1,025	1,119	1,207	1,252	1,403	
	JPO	Searches carried out	Domestic	340,101	350,807	359,381	360,180	387,364	386,767	369,458
Foreign			36,514	40,765	42,551	45,475	49,501	52,408	51,586	
TOTAL			376,615	391,572	401,932	405,655	436,865	439,175	421,044	
Grants		Domestic	187,681	129,937	125,704	133,960	112,269	109,375	108,515	
		Foreign	27,419	17,749	15,774	16,099	13,611	12,367	11,503	
		TOTAL	215,100	147,686	141,478	150,059	125,880	121,742	120,018	
Applications in appeal			13,667	13,742	14,157	14,650	16,498	19,962	21,847	
Applications in oppsition			-	-	-	-	-	3,536	3,150	
USPTO	First actions		174,843	187,978	209,180	230,326	238,438	249,649	271,624	
	PCT Ch II		8,945	11,671	13,030	13,744	15,443	18,179	17,505	
	Appeals	Contested		3,500	4,328	3,889	3,961	2,860	3,762	3,252
		Disposed		3,067	2,911	4,286	4,689	5,134	4,978	4,851
		Not allowed		2,297	1,953	-	-	-	-	-
		Pending		6,042	7,852	8,908	8,180	-	-	-
	Interference	Contested		116	282	165	78	137	126	108
		Disposed		135	124	191	187	189	180	155
		Pending		314	296	425	316	-	-	-
	Litigation	Cases filed		53	51	51	69	60	49	49
Cases disposed			61	71	40	78	49	62	55	
Cases pending			34	36	47	38	49	40	33	

## Trilateral Statistics

World-wide Patent activity

### Patent applications filling by bloc of origin and type

Origin	Type	1996	1997	1998	1999	2000	2001
EPO	National	181,520	164,290	189,183	198,111	206,853	207,999
	Regional	21,183	24,103	26,340	27,381	29,355	29,954
	International (PCT)	18,994	22,481	26,915	30,617	34,120	39,672
	TOTAL	221,697	210,874	242,438	256,109	270,328	277,625
JPO	National	403,657	407,626	431,224	427,895	464,731	476,036
	Regional	9,667	10,543	10,821	11,050	12,564	14,166
	International (PCT)	3,861	4,845	6,098	7,255	9,402	11,846
	TOTAL	417,185	423,014	448,143	446,200	486,697	502,048
USPTO	National	153,381	160,820	191,642	203,361	223,697	232,699
	Regional	9,350	9,584	10,542	10,232	10,838	6,482
	International (PCT)	20,828	22,736	28,356	29,463	38,171	40,003
	TOTAL	183,559	193,140	230,540	243,056	272,706	279,184
Others	National	169,128	172,670	162,407	171,555	205,723	223,828
	Regional	1,058	1,397	1,682	1,787	2,197	2,295
	International (PCT)	3,608	4,360	5,638	6,688	9,255	12,426
	TOTAL	173,794	178,427	169,727	180,030	217,175	238,549

## Trilateral Statistics

World-wide Patent activity

### Demand for Patent Rights by Bloc of Origin , Filling Bloc and Type

Origin	Type	Filling Bloc	1996	1997	1998	1999	2000	2001	
EPC states	National	EPC states	111,249	111,656	115,526	121,336	124,931	182,960	
		Japan	8,190	8,151	7,984	7,862	7,623	7,071	
		USA	30,910	25,202	23,982	30,033	33,388	38,946	
		Others	31,171	25,367	42,135	38,880	40,911	40,214	
	Regional	EPC states	174,561	327,045	460,888	486,476	527,441	561,405	
		Others	119	226	113	160,562	173,283	146,169	
	International (PCT)	EPC states	368,359	450,336	560,519	680,312	795,074	1,073,591	
		Japan	15,631	18,475	22,304	25,666	29,641	35,184	
		USA	16,200	19,176	22,957	26,288	28,844	33,896	
		Others	454,631	627,344	906,783	1,164,752	1,618,131	2,136,855	
	Total			1,211,021	1,612,978	2,163,191	2,742,167	3,379,267	4,256,291
	Japan	National	EPC states	5,365	6,023	5,595	5,350	5,776	5,554
			Japan	339,045	349,211	357,379	357,531	384,201	382,815
USA			39,510	39,165	40,947	42,900	47,666	55,503	
Others			19,737	13,227	27,303	22,114	27,088	32,109	
Regional		EPC states	40,745	121,432	181,736	189,936	216,951	268,295	
		Others	5	2	2	62,332	70,817	80,134	
International (PCT)		EPC states	53,839	72,324	97,078	115,070	163,712	252,102	
		Japan	1,816	2,276	2,959	3,563	4,678	5,575	
		USA	3,646	4,612	5,819	6,882	8,920	11,075	
		Others	28,048	50,019	73,469	101,319	202,819	355,742	
Total			531,756	658,291	792,287	906,997	1,132,628	1,448,904	
USA		National	EPC states	5,487	5,962	5,536	5,948	6,426	6,877
			Japan	9,412	9,261	9,359	8,843	9,466	9,131
	USA		101,901	119,214	132,767	146,581	161,786	174,979	
	Others		31,590	26,383	43,980	41,989	45,497	41,583	
	Regional	EPC states	59,234	122,140	171,359	176,568	187,853	200,448	
		Others	246	416	515	56,738	59,857	57,982	
	International (PCT)	EPC states	434,573	499,816	641,923	720,656	986,420	1,280,814	
		Japan	19,063	21,213	26,376	27,630	36,454	38,619	
		USA	4,991	6,594	8,575	9,812	13,796	15,928	
		Others	576,486	780,017	1,166,001	1,392,768	2,286,740	2,726,602	
	Total			1,242,983	1,591,016	2,206,391	2,587,533	3,794,295	4,552,963
	Others	National	EPC states	4,673	5,059	4,608	3,904	4,218	4,255
			Japan	3,433	3,932	3,937	3,374	3,983	4,418
USA			17,875	18,524	22,205	25,621	28,207	32,793	
Others			142,787	138,587	131,575	138,746	168,108	10,768	
Regional		EPC states	7,943	16,477	26,290	29,051	36,130	41,908	
		Others	211	210	140	9,541	13,482	12,409	
International (PCT)		EPC states	110,205	134,577	177,468	208,619	284,981	466,680	
		Japan	4,661	5,455	7,077	7,776	10,158	13,808	
		USA	3,395	4,205	5,535	6,589	9,166	12,537	
		Others	155,030	219,973	339,454	434,509	709,849	1,023,556	
Total			450,213	546,999	718,289	867,730	1,268,282	1,623,132	
TOTAL			3,435,973	4,409,284	5,880,158	7,104,427	9,574,472	11,881,290	

## Trilateral Statistics

World-wide Patent Activity

### Granted Patent Rights by Granting Bloc and Procedure

Granting Bloc	Procedure	1996	1997	1998	1999	2000	2001
EPC states	National	59,874	67,352	66,046	55,294	51,508	42,114
	Regional	205,095	187,922	158,063	143,667	107,450	130,686
	International	80,565	102,921	114,412	121,232	102,198	139,148
	Total	345,534	358,195	338,521	320,193	261,156	311,948
Japan	National *	215,100	147,686	141,448	150,059	121,546	116,812
	International					4,334	4,930
	Total	215,100	147,686	141,448	150,059	125,880	121,742
USA	National **	104,587	105,841	137,935	143,137	145,188	150,929
	International		6,143	9,585	10,350	12,308	15,109
	Total	104,587	111,984	147,520	153,487	157,496	166,038
Others	National	90,049	113,704	125,467	131,106	101,015	101,043
	Regional	1,114	341	242	1,375	1,535	6,954
	International	14,371	12,840	24,279	29,043	35,452	35,683
	Total	105,534	126,885	149,988	161,524	138,002	143,680
Total		770,755	744,750	777,477	785,263	682,534	743,408

\* Figures for the years 1996 to 1999 include the number of grants based on PCT applications

\*\* Figure for 1996 includes the number of grants based on PCT applications

**Trilateral Statistics**  
**Chapter 3. Worldwide Patent Activities**  
**Parent families by Bloc of Origin**  
**Year of priority filings: 1993**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	109,225	31,115 (28.5%)	25,330 (23.2%)	-	17,258 (15.8%)	21,570 (19.7%)	19,189 (17.6%)	13,498 (12.3%)
Japan	403,189	36,740 (9.1%)	35,200 (8.7%)	20,174 (5.0%)	-	32,519 (8.1%)	12,031 (3.0%)	17,493 (4.3%)
U.S.A.	112,096	32,691 (29.2%)	25,054 (22.4%)	23,139 (20.6%)	18,305 (16.3%)	-	24,084 (21.4%)	16,390 (14.6%)
Trilateral blocs subtotal	624,510	100,546 (16.1%)	85,584 (13.7%)	43,313 (6.9%)	35,563 (5.6%)	54,089 (8.7%)	55,304 (8.9%)	47,381 (7.6%)
Other countries	115,474	6,596 (5.7%)	6,596 (5.7%)	3,901 (3.4%)	2,999 (2.6%)	4,945 (4.3%)	-	1,499 (1.3%)
Global total	739,984	107,142 (14.5%)	92,180 (12.5%)	47,214 (6.4%)	38,562 (5.2%)	59,033 (8.0%)	55,304 (7.5%)	48,880 (6.6%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database  
**Year of priority filings: 1994**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	111,221	32,614 (29.3%)	26,645 (23.9%)	-	18,130 (16.3%)	22,974 (20.7%)	20,452 (18.4%)	14,459 (13.0%)
Japan	318,267	35,250 (11.1%)	33,579 (10.6%)	18,964 (6.0%)	-	31,057 (9.8%)	12,001 (4.1%)	16,442 (5.2%)
U.S.A.	121,769	34,209 (28.1%)	26,640 (21.9%)	24,748 (20.3%)	19,229 (15.8%)	-	25,223 (20.7%)	17,337 (14.2%)
Trilateral blocs subtotal	551,257	102,073 (18.5%)	86,864 (15.6%)	43,712 (7.9%)	37,359 (6.7%)	54,031 (9.8%)	58,576 (10.6%)	48,238 (8.8%)
Other countries	115,942	6,635 (5.7%)	6,635 (5.7%)	3,620 (3.1%)	3,209 (2.8%)	5,067 (4.3%)	-	1,681 (1.5%)
Global total	667,199	108,708 (16.3%)	93,499 (14.0%)	47,332 (7.1%)	40,568 (6.1%)	59,100 (8.9%)	58,576 (8.8%)	49,919 (7.5%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database  
**Year of priority filings: 1995**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	114,004	34,882 (30.6%)	28,184 (24.7%)	-	18,811 (16.5%)	24,486 (21.5%)	22,018 (19.3%)	15,113 (13.3%)
Japan	333,095	39,988 (12.0%)	37,924 (11.4%)	21,584 (6.5%)	-	35,162 (10.6%)	15,051 (4.5%)	18,822 (5.7%)
U.S.A.	140,348	38,998 (27.8%)	30,444 (21.7%)	28,211 (20.1%)	21,611 (15.4%)	-	29,461 (21.0%)	19,378 (13.8%)
Trilateral blocs subtotal	587,447	113,648 (19.3%)	96,552 (16.4%)	49,795 (8.5%)	40,422 (6.9%)	59,648 (10.3%)	66,530 (11.3%)	53,313 (9.1%)
Other countries	127,944	8,222 (6.5%)	8,222 (6.5%)	4,494 (3.5%)	4,300 (3.4%)	6,335 (5.0%)	-	1,929 (1.5%)
Global total	715,391	121,870 (17.0%)	104,774 (14.6%)	54,289 (7.6%)	44,722 (6.3%)	65,983 (9.2%)	68,530 (9.6%)	55,242 (7.7%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database  
**Year of priority filings: 1996**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	122,923	39,738 (32.3%)	32,357 (26.3%)	-	21,182 (17.2%)	27,679 (22.5%)	25,070 (20.4%)	16,504 (13.4%)
Japan	338,186	43,110 (12.7%)	41,069 (12.1%)	23,534 (7.0%)	-	37,847 (11.2%)	16,343 (4.8%)	20,312 (6.0%)
U.S.A.	131,425	44,385 (33.8%)	34,179 (26.0%)	31,568 (24.0%)	23,759 (18.1%)	-	33,423 (24.9%)	21,148 (16.1%)
Trilateral blocs subtotal	592,534	127,233 (21.5%)	107,605 (18.2%)	55,102 (9.3%)	44,941 (7.5%)	65,526 (10.9%)	74,836 (12.6%)	57,964 (9.8%)
Other countries	136,895	9,734 (7.1%)	9,734 (7.1%)	5,114 (3.7%)	4,972 (3.6%)	7,380 (5.4%)	-	2,289 (1.7%)
Global total	729,429	136,967 (18.8%)	117,339 (16.1%)	60,216 (8.3%)	49,915 (6.8%)	72,906 (10.0%)	74,836 (10.3%)	60,253 (8.3%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database  
**Year of priority filings: 1997**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	129,179	42,700 (32.9%)	33,880 (26.2%)	-	21,930 (17.0%)	27,289 (21.1%)	27,066 (20.9%)	15,339 (11.9%)
Japan	348,329	45,984 (13.2%)	43,827 (12.6%)	25,143 (7.2%)	-	39,639 (11.4%)	16,481 (4.7%)	20,255 (5.8%)
U.S.A.	151,652	50,446 (33.3%)	39,136 (25.8%)	36,231 (23.9%)	26,363 (17.4%)	-	37,699 (24.9%)	23,458 (15.5%)
Trilateral blocs subtotal	629,160	139,030 (22.1%)	116,543 (18.5%)	61,374 (9.7%)	48,293 (7.6%)	65,928 (10.4%)	81,246 (12.9%)	59,052 (9.4%)
Other countries	133,254	11,408 (8.5%)	11,408 (8.5%)	5,783 (4.3%)	5,555 (4.1%)	8,340 (6.2%)	-	2,254 (1.7%)
Global total	762,414	150,438 (19.7%)	127,951 (16.8%)	67,157 (8.8%)	53,847 (7.1%)	74,268 (9.7%)	81,246 (10.7%)	61,306 (8.0%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database  
**Year of priority filings: 1998**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Numbers of Priorities claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	135,654	44,537 (32.8%)	33,332 (24.6%)	-	22,749 (16.8%)	22,698 (16.7%)	28,930 (21.3%)	12,115 (8.9%)
Japan	355,856	44,636 (12.5%)	41,988 (11.8%)	25,965 (7.3%)	-	32,561 (9.2%)	16,481 (4.6%)	20,255 (5.7%)
U.S.A.	148,134	54,004 (36.5%)	42,649 (28.8%)	39,924 (27.0%)	26,786 (18.1%)	-	40,574 (27.4%)	24,061 (16.2%)
Trilateral blocs subtotal	639,644	143,077 (22.4%)	117,379 (18.4%)	65,880 (10.3%)	49,535 (7.7%)	55,259 (8.6%)	86,826 (13.6%)	53,295 (8.3%)
Other countries	145,003	11,310 (7.8%)	11,310 (7.8%)	5,730 (4.0%)	5,082 (3.5%)	7,286 (5.0%)	-	1,540 (1.1%)
Global total	784,647	154,387 (19.7%)	128,689 (16.4%)	71,610 (9.1%)	54,617 (7.0%)	62,545 (8.0%)	88,226 (11.2%)	54,835 (7.0%)

Percentages are the counts expressed as proportions of the numbers of First Filings in the blocs of origin.

Source: EPO DOCDB database

**Trilateral Statistics**  
**Chapter 5. Use of the Patent Cooperation Treaty**  
**Proportions of families using the PCT route**  
**Year of priority filings: 1993**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	14.03%	40.60%	36.44%	-	40.59%	35.86%	54.00%	40.82%
Japan	0.90%	8.93%	8.63%	13.50%	-	8.09%	16.77%	13.25%
U.S.A.	15.39%	45.58%	43.71%	46.08%	44.87%	-	55.74%	48.35%
Trilateral blocs subtotal	5.79%	30.64%	26.80%	30.91%	42.79%	19.17%	46.66%	33.25%
Other countries	2.61%	27.82%	27.82%	38.27%	30.04%	26.92%	-	42.16%
Global total	5.30%	30.47%	28.97%	31.51%	41.80%	19.82%	46.68%	33.52%

Figures indicate the proportions of families that involve usage of the PCT route (as percentages of the numbers of families)

Source: EPO DOCDB database  
**Year of priority filings: 1994**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	16.20%	46.31%	42.28%	-	47.52%	41.84%	60.21%	48.15%
Japan	1.25%	10.21%	10.06%	16.04%	-	9.42%	19.49%	15.74%
U.S.A.	16.27%	50.68%	48.89%	51.33%	49.45%	-	61.42%	53.00%
Trilateral blocs subtotal	7.58%	35.30%	31.49%	36.02%	48.51%	23.20%	51.77%	38.85%
Other countries	2.80%	31.03%	31.03%	44.08%	32.28%	29.92%	-	44.91%
Global total	6.75%	35.04%	31.46%	36.68%	47.23%	23.78%	51.77%	39.05%

Figures indicate the proportions of families that involve usage of the PCT route (as percentages of the numbers of families)

Source: EPO DOCDB database  
**Year of priority filings: 1995**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	18.14%	50.52%	46.88%	-	53.35%	46.07%	64.97%	53.62%
Japan	1.68%	12.57%	12.26%	18.89%	-	11.40%	22.84%	18.26%
U.S.A.	17.65%	56.56%	55.23%	57.90%	56.18%	-	67.33%	60.17%
Trilateral blocs subtotal	8.69%	39.24%	35.53%	40.99%	54.86%	25.64%	56.49%	43.51%
Other countries	2.88%	30.39%	30.39%	47.26%	26.23%	28.92%	-	44.43%
Global total	7.65%	38.65%	35.13%	41.51%	52.30%	25.99%	56.49%	43.55%

Figures indicate the proportions of families that involve usage of the PCT route (as percentages of the numbers of families)

Source: EPO DOCDB database  
**Year of priority filings: 1996**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	20.47%	54.20%	50.12%	-	56.06%	48.51%	70.00%	57.62%
Japan	2.12%	14.73%	14.30%	21.75%	-	13.18%	26.38%	20.85%
U.S.A.	22.44%	59.32%	57.23%	60.25%	57.95%	-	70.17%	62.54%
Trilateral blocs subtotal	10.39%	42.61%	38.26%	43.80%	58.00%	28.11%	60.55%	46.53%
Other countries	3.20%	28.16%	28.16%	45.19%	26.57%	25.70%	-	38.44%
Global total	9.00%	41.68%	37.43%	43.92%	54.87%	27.88%	60.55%	46.22%

Figures indicate the proportions of families that involve usage of the PCT route (as percentages of the numbers of families)

Source: EPO DOCDB database  
**Year of priority filings: 1997**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	21.67%	56.64%	51.14%	-	60.56%	46.38%	73.47%	56.15%
Japan	2.44%	16.60%	15.89%	24.51%	-	12.97%	31.21%	21.02%
U.S.A.	23.18%	63.93%	60.83%	63.90%	61.30%	-	75.72%	66.09%
Trilateral blocs subtotal	11.39%	46.07%	40.69%	47.76%	60.96%	26.80%	65.94%	48.05%
Other countries	3.95%	29.25%	29.25%	48.69%	31.00%	24.47%	-	43.39%
Global total	10.09%	44.79%	39.87%	47.84%	57.87%	26.54%	65.94%	47.88%

Figures indicate the proportions of families that involve usage of the PCT route (as percentages of the numbers of families)

Source: EPO DOCDB database  
**Year of priority filings: 1998**

Bloc of origin for which priority is claimed	First Filings in Bloc of Origin	Secondary Filings						Trilateral Patent Families from bloc of origin
		Priority Forming Filings Claimed in Bloc of origin from:						
		All other Blocs	Other Trilateral Blocs	EPC States	Japan	U.S.A.	Other countries	
EPC States	23.53%	60.62%	52.38%	-	62.79%	41.31%	79.73%	51.18%
Japan	2.85%	20.25%	19.46%	28.67%	-	12.29%	36.10%	19.81%
U.S.A.	26.88%	68.49%	63.84%	6				

## Trilateral Statistics

### Trilateral Patent Statistics

#### Patent Applications at the Trilateral Offices by Bloc of Origin

Office	Bloc of Origin	1996	1997	1998	1999	2000	2001	2002
EPO	EPC states	31,490	36,510	41,190	45,028	49,785	53,737	53,440
	Japan	11,357	12,856	13,813	14,604	17,096	19,845	15,912
	USA	18,638	20,497	23,502	25,393	28,488	30,450	30,118
	Others	2,415	3,041	3,582	4,297	5,340	5,993	6,773
	Total	63,900	72,904	82,087	89,322	100,709	110,025	106,243
JPO	EPC states	15,065	11,747	16,077	44,660	20,208	21,832	13,889
	Japan	340,101	350,807	359,381	47,821	387,364	386,767	369,458
	USA	15,065	19,579	20,097	149,825	22,665	23,386	22,714
	Others	3,766	7,831	8,039	27,881	6,628	7,190	14,983
	Total	373,997	389,964	403,594	270,187	436,865	439,175	421,044
USPTO	EPC states	31,230	33,249	35,809	44,660	44,750	50,607	52,621
	Japan	39,037	41,753	44,133	47,821	51,029	60,555	58,739
	USA	106,892	120,445	135,742	149,825	163,699	174,709	184,245
	Others	17,567	19,810	21,910	27,881	36,448	40,637	38,840
	Total	194,726	215,257	237,594	270,187	295,926	326,508	334,445



## Trilateral Statistics

### Trilateral Patent Statistics

#### Patent Applications at the Trilateral Offices by Technical Field

Origin	Technical field	1996	1997	1998	1999	2000	2001	2002
EPC states	Human necessities	8,943	10,317	11,591	12,895	14,187	15,795	15,880
	Performing operations	12,025	13,500	15,159	16,321	17,796	18,472	17,402
	Chemistry; Metallurgy	12,182	13,813	14,746	15,448	17,183	18,737	18,747
	Textiles; paper	1,172	1,354	1,615	1,631	1,669	1,623	1,699
	Fixed constructions	2,087	2,363	2,745	2,945	3,174	3,161	3,083
	Mechanical engineering	5,302	5,864	6,901	7,373	8,166	8,640	8,469
	Physics	11,027	12,651	14,090	15,234	17,981	20,636	20,513
	Electricity	11,153	12,904	15,387	17,442	20,501	22,842	20,376
Japan	Human necessities	32,171	33,814	37,473	37,607	46,760	41,205	
	Performing operations	68,941	70,390	73,511	70,564	76,185	69,996	
	Chemistry; Metallurgy	38,515	38,732	43,344	40,446	49,564	40,881	
	Textiles; paper	4,947	5,101	5,142	4,982	5,477	5,081	
	Fixed constructions	19,228	18,953	18,972	18,306	18,487	16,807	
	Mechanical engineering	31,750	32,734	34,280	32,278	35,094	33,178	
	Physics	82,223	85,779	89,619	88,582	107,762	103,110	
	Electricity	76,755	81,934	87,406	85,387	93,988	89,361	
USA	Human necessities	36,561	36,778	41,557	44,797	45,529	49,848	55,424
	Performing operations	35,452	39,293	42,677	43,453	44,322	49,174	51,424
	Chemistry; Metallurgy	29,991	24,335	26,070	30,223	30,827	35,325	34,374
	Textiles; paper	4,076	1,846	1,894	2,242	2,287	2,212	2,299
	Fixed constructions	5,485	6,028	6,477	5,993	6,113	6,448	7,427
	Mechanical engineering	12,683	14,257	15,522	16,508	16,838	19,280	20,834
	Physics	41,743	50,353	58,501	67,759	79,614	92,448	89,227
	Electricity	32,080	42,367	50,364	59,212	70,396	71,773	73,436

## Trilateral Statistics

### Trilateral Patent Statistics

#### Patent Applications at the Trilateral Offices by Bloc of Origin in High Technology Areas

Office	Bloc of Origin	1996	1997	1998	1999	2000	2001	2002
EPO	EPC states	3,769	4,549	5,493	6,748	8,411	10,283	10,326
	Japan	2,687	3,069	3,379	3,738	4,395	5,253	4,043
	USA	4,248	4,795	5,461	6,310	7,837	8,604	8,935
	Others	368	529	720	950	1,349	1,399	1,791
JPO	EPC states	1,514	1,057	1,069	1,958	2,776	2,462	3,944
	Japan	44,915	47,576	49,180	62,907	77,848	56,947	75,472
	USA	3,028	3,172	2,138	3,919	5,660	4,567	6,606
	Others	1,009	1,057	1,069	1,223	1,600	1,267	2,184
USPTO	EPC states	4,613	4,989	6,257	8,561	11,231	12,320	11,718
	Japan	10,806	13,036	14,689	13,224	18,462	20,883	19,940
	USA	25,671	30,013	37,722	44,209	61,570	63,040	60,906
	Others	4,635	5,237	7,379	7,914	10,939	11,563	12,529

## Trilateral Statistics

### Trilateral Patent Statistics

#### Granted Patent by the Trilateral Offices by Bloc of Origin

Office	Bloc of Origin	1996	1997	1998	1999	2000	2001	2002
EPO	EPC states	19,214	19,430	18,376	17,877	13,536	18,330	25,449
	Japan	9,601	8,980	7,702	7,141	5,498	6,580	8,249
	USA	10,131	9,981	9,380	9,156	7,428	8,583	11,845
	Others	1,123	1,255	1,260	1,183	1,061	1,209	1,841
	Total	40,069	39,646	36,718	35,357	27,523	34,702	47,384
JPO	EPC states	11,396	7,422	6,843	6,843	5,229	5,067	4,732
	Japan	187,681	129,937	125,704	125,704	112,269	109,375	108,515
	USA	14,103	8,646	7,046	7,046	6,007	6,020	5,588
	Others	1,920	1,681	1,855	1,855	2,375	1,280	1,183
	Total	215,100	147,686	141,448	141,448	125,880	121,742	120,018
USPTO	EPC states	17,844	18,635	25,693	25,693	26,324	28,459	28,428
	Japan	23,052	23,179	30,841	30,841	31,296	33,224	34,859
	USA	61,107	61,707	80,292	80,292	85,072	87,610	86,980
	Others	7,643	8,463	10,694	10,694	14,805	16,752	17,067
	Total	109,646	111,984	147,520	147,520	157,497	166,045	167,334

## Trilateral Statistics

### Trilateral Patent Statistics

#### Maintenance of Patents Granted by the Trilateral offices

Figures indicate the proportion of patents maintained at the end of each patent year from filing as by the end of 2002

Patent year	EPO	JPO	USPTO
1	100%	100%	100%
2	100%	99.9%	100%
3	91.7%	99.6%	100%
4	86.9%	99.7%	100%
5	82.9%	97.6%	99.9%
6	77.5%	98.2%	96.3%
7	71.9%	95.6%	89.3%
8	65.8%	94.1%	87.5%
9	59.6%	92.8%	85.2%
10	53.5%	90.8%	76.2%
11	47.8%	89.6%	66.8%
12	42.4%	86.0%	63.3%
13	37.2%	79.4%	59.9%
14	32.9%	73.7%	51.6%
15	28.6%	68.7%	43.8%
16	24.7%	62.6%	41.4%
17	21.4%	56.8%	39.9%
18	18.2%	50.2%	39.0%
19	14.8%	42.3%	37.6%
20	12.0%	28.2%	37.0%

**Trilateral Statistics**  
 Trilateral Patent Statistics  
**Statistics on the Procedures**

Item	Office	1996	1997	1998	1999	2000	2001	2002
examination rate	EPO	91	91	91	91	91	90	89
	JPO	45	47	48	48	53	54	54
	USPTO	100	100	100	100	100	100	100
grant rate	EPO	67	68	67	64	57	60	58
	JPO	-	65	65	65	59	55	51.4
	USPTO	67	69	70	70	71	70	65
opposition rate	EPO	6	6	6	6	6	5.7	5.4
	JPO	-	4	5	5	4	3.3	2.9
	USPTO	-	-	-	-	-	-	-
maintenance rate	EPO	67	69	70	65	68	68.4	67.4
	JPO	-	-	-	n.a.	n.a.	n.a.	n.a.
	USPTO	-	-	-	-	-	-	-
appeal rate - on examinations	EPO	48	51	51	51	46	48	45
	JPO	-	-	-	-	-	-	-
	USPTO	5	7	6	6	-	5	4
- on oppositions	EPO	41	41	40	43	45	49	49
	JPO	-	-	-	-	-	-	-
	USPTO	-	-	-	-	-	-	-
- on examinations and oppositions *)	EPO	-	-	-	-	-	-	-
	JPO	13,667	13,742	14,157	14,157	16,948	19,962	21,847
	USPTO	-	-	-	-	-	-	-
pending applications in search	EPO	59,600	57,900	67,700	77,600	90,100	109,800	118,300
	JPO	-	-	-	-	-	-	-
	USPTO	-	-	-	-	-	-	-
pendency search in months	EPO	19	17	17	19	21	27.3	26.0
	JPO	-	-	-	-	-	-	-
	USPTO	-	-	-	-	-	-	-
applications awaiting request for examination	EPO	11,200	11,100	14,500	16,200	15,790	15,760	16,410
	JPO	2,148,126	2,143,765	2,155,566	2,155,566	2,152,416	2,175,739	2,189,727
	USPTO	-	-	-	-	-	-	-
pending applications in examination	EPO	120,200	127,000	139,500	157,700	191,600	212,200	223,700
	JPO	-	-	-	-	433,020	478,363	500,420
	USPTO	290,500	267,662	362,797	362,797	547,626	n.a.	n.a.
Pendency first office action in months	EPO	-	16	18	18	21	20.7	23.0
	JPO	22	21	19	19	21	22.0	24.0
	USPTO	-	10	13	13	13	14.4	16.6
pendency examination in months	EPO	24	29	33	39	50	46.1	27.7
	JPO	-	-	-	-	27	27.7	28.7
	USPTO	22	23	24	24	25	24.7	24.7
pending applications in opposition	EPO	3,720	3,730	3,270	3,030	2,470	1,360	1,250
	JPO	-	-	-	n.a.	n.a.	n.a.	n.a.
	USPTO	-	-	-	-	-	-	-
pendency opposition in months	EPO	17	18	14	14	12	6.6	6.6
	JPO	-	-	-	n.a.	n.a.	n.a.	n.a.
	USPTO	-	-	-	-	-	-	-

\*) Only numbers are available

## Trilateral Statistics

Trilateral Patent Statistics

### PCT Activities of the Trilateral Offices

Office	Activity	1996	1997	1998	1999	2000	2001
EPO	Receiving office	5,766	6,376	8,311	10,528	12,666	15,568
	International searches	28,250	33,110	41,710	47,420	57,058	64,113
	International Preliminary examination	18,110	22,010	27,600	31,770	37,812	45,806
JPO	Receiving office	3,834	4,815	6,063	7,209	9,346	11,846
	International searches	3,605	4,604	5,640	7,003	8,957	11,075
	International Preliminary examination	1,605	2,139	2,754	3,541	4,597	6,143
USPTO	Receiving office	20,504	22,456	27,891	29,138	37,899	40,003
	International searches	11,914	9,750	12,859	14,116	17,386	18,307
	International Preliminary examination	8,736	9,233	12,003	14,615	16,389	20,344

## Trilateral Statistics

Other Work of the Trilateral Offices

### Other work

Activity	Office	1996	1997	1998	1999	2000	2001	2002
Search for national Offices	EPO	18,490	18,660	18,900	17,630	18,888	18,480	16,940
	JPO	-	-	-	-	-	-	-
	USPTO	-	-	-	-	-	-	-
Design applications	EPO	-	-	-	-	-	-	-
	JPO	40,192	39,865	39,352	37,368	38,496	39,423	37,230
	USPTO	15,161	16,546	17,107	14,732	18,292	18,820	20,904
Utility model applications	EPO	-	-	-	-	-	-	-
	JPO	14,082	12,048	10,917	10,283	9,587	8,806	8,603
	USPTO	-	-	-	-	-	-	-
Plant applications	EPO	-	-	-	-	-	-	-
	JPO	-	-	-	-	-	-	-
	USPTO	665	621	720	421	797	944	1,144
Re-issue applications	EPO	-	-	-	-	-	-	-
	JPO	-	-	-	-	-	-	-
	USPTO	592	548	594	448	761	823	982
Trademark applications	EPO	-	-	-	-	-	-	-
	JPO	188,160	133,160	112,469	121,469	145,668	123,754	117,406
	USPTO	212,510	225,517	246,611	319,880	361,775	294,358	264,053