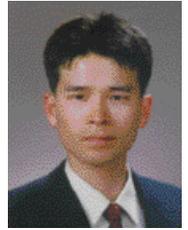


# NT



1.

NT, BT, IT  
가

가 가가

가

(TRM)

가

가가

가

NT

가

가

가

NT

「NT

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2.

「NT」 2003. 12. 31

		가	
			2,386
			6,376
	(EPO)		6,031
		'91~2003	22,052

< 1.

>

, NT

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15

4

NT

NT

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NT

2)

'90

가

가가

SDI,

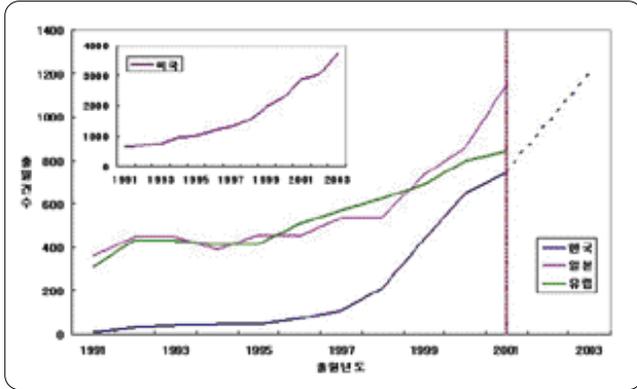
Japan science & Technology corp.(

)

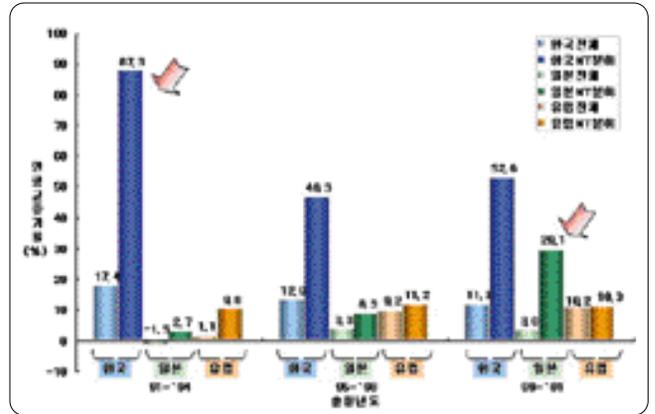
가

1) (EPO) (EPO) EPO  
2) , , 18

, EPC contracting states  
2002~2003



< 1. ( ) >



< 3. NT 가 >

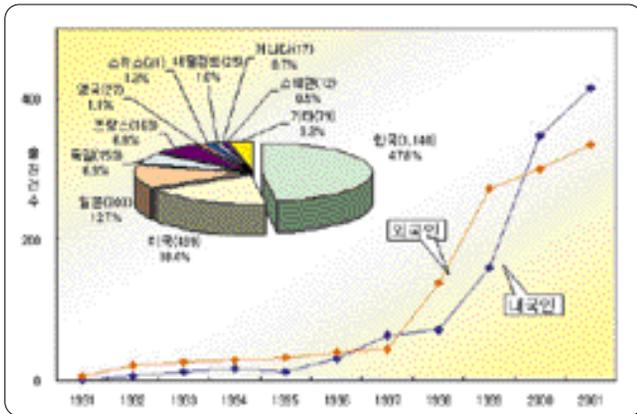
NT 가

15% 가 , (2001-2003)  
 ) 가 NT  
 가 7

'92 ( 2004) NT  
 2000  
 (18.4%), (12.7%), (6.3%), (6.8%)  
 44.2% (47.8%)

	가 (%) -		
	'91~'96	'97~'00	2001~2003
NT	3.2	9.5	2.5
	15.0	18.4	17.4

< 2. NT 가 >



< 2. NT >

NT ,  
 '91~'94, '95~'98, '99~2001 3  
 가 4 가  
 ('99~2001 ) 가  
 NT

2. NT 가  
 가 ( ) ( )  
 ) 3 1.0%(217 ) ,  
 1.3%(86 ) , 1.0%(59 )  
 가 ( )  
 ) 14.2%(2,554 ) , 22.7% (1,372 )  
 ) 3 ( , , ) (18.4%)  
 (18.6%)  
 NT ( )  
 3 1%  
 NT (IPR)

가	( )			
	15,221 (69.0%)	290 (4.5%)	2,373 (39.3%)	439 (18.4%)
	3,141 (14.2%)	5,752 (90.2%)	1,372 (22.7%)	303 (12.7%)
	2,554 (11.6%)	230 (3.6%)	2,048 (34.0%)	444 (18.6%)
	217 (1.0%)	86 (1.3%)	59 (1.0%)	1,140 (47.8%)
가	919 (4.2%)	18 (0.3%)	179 (3.0%)	60 (2.5%)
	22,052 (100%)	6,376 (100%)	6,031 (100%)	2,386 (100%)

< 3. ( ) >

( ) 가  
1, 7, 4, 11  
( )

가 ( ) 가 , , ,  
가 , , , , ,

	가	가	가	가
1	1,140	15,221	5,752	2,373
2	439	3,141	290	1,372
3	303	840	113	694
4	163	726	86	609
5	150	347	68	166
6	31	235	15	162
7	27	217	9	113
8	25	204	9	90
9	17	160	5	63
10	12	155	4	61
11	11	119	4	59
12	9	105	2	46
13	9	81	2	35
14	8	80	2	29
15	7	51	2	22
16	5	39	2	20
17	5 가	39	2	16
18	4	39	2	12
19	4	37	2	12
20	4	36 가	1	8
	13	180	4	69
	2,386	22,052	6,376	6,031

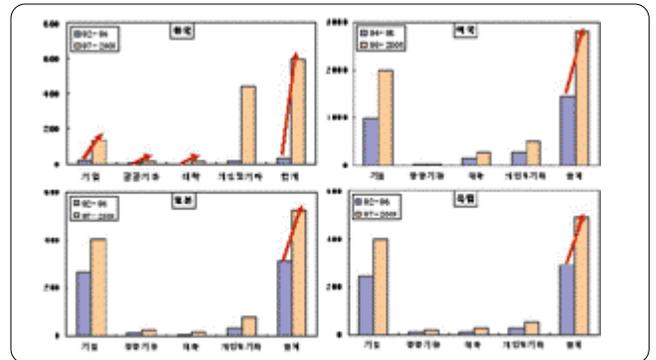
< 4. ( ) 가 >

, NT  
가 , 가  
가 .1 2 ( )  
975 , 32 , 228 , , , 391 ,  
가 509 4 가  
NT  
가 .

	1	2	가	1	2	가	1	2	가	1	2	가
	19	131	112	977	1,985	1,008	266	408	142	245	400	155
	3	11	8	37	39	2	13	24	11	8	17	9
	1	15	14	154	274	120	5	18	13	12	26	14
/	11	439	428	279	497	218	29	77	48	25	48	23
	34	596	562	1,447	2,795	1,348	313	527	214	290	491	201
	118	509	391	631	1,606	975	100	132	32	487	715	228

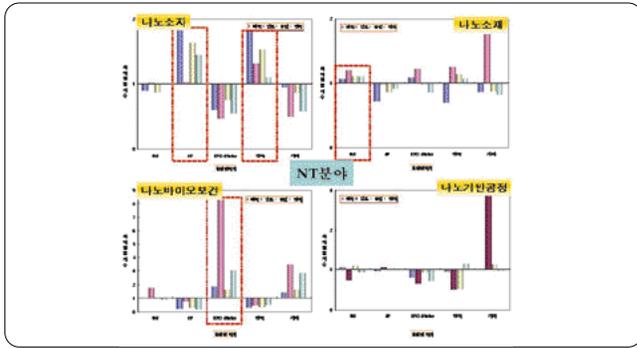
< 5. 가 가 >

1. : , , '92~'96 (1 ) , '97~2001 (2 )  
'94~'98 (1 ) , '99~2003 (2 )



< 4. 가 >

가



< 5. >

1	IBM	642	Hitachi	508	L'Oreal(FR)	226	SDI	115
2	Xerox	560	NEC	243	Xerox	122		93
3	3M	503	JEOL	229	IBM	118	LG	83
4	NEC	433	SONY	210	Matsushita Electric	117		76
5	Motorola	318	CANON	207	Eastman Kodak	108		76
6	Micron Technology	294	Matsushita Electric	201	CANON	105		56
7	University of California	285	Seiko	176	ROHM AND HAAS(US)	87		54
8	Toshiba	285	OLYMPUS	171	Sumitomo Electric	76		39
9	Advanced Micro Devices	252	Japan Science & Technology	154	NEC	70	IBM	38
10	Eastman Kodak	242	FUJITSU	136	Hitachi	68		33

< 6. 가 Top10 >

NT

1. NT

NT  
가

가가

NT

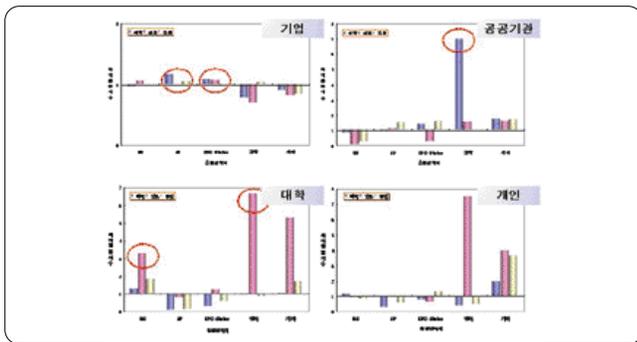
NT

가

IT

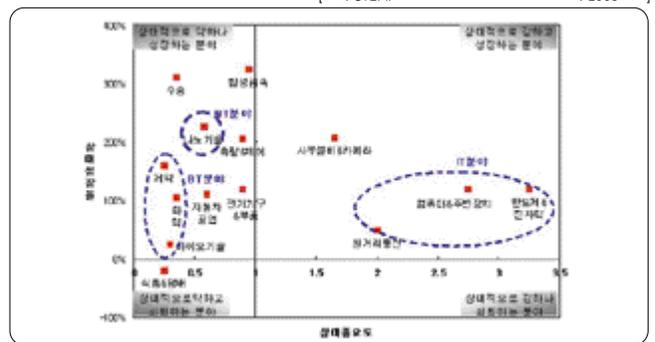
가

, BT



< 6. >

IBM NEC , NT  
 (IBM: 118 )  
 NEC: 70 ) (IBM: 38 )  
 가  
 Hitachi , L'Oreal , SDI  
 IT 1



< 7. NT >

3) University of California : 1868  
 (UCLA)

California 9

(州立)  
 가

NT

Research

가

(5.97)

가

가

가

가

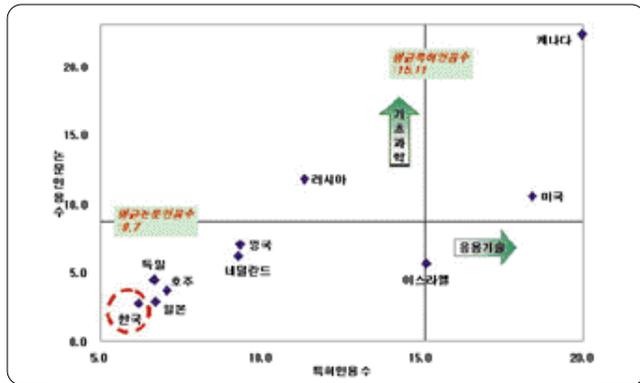
가

가

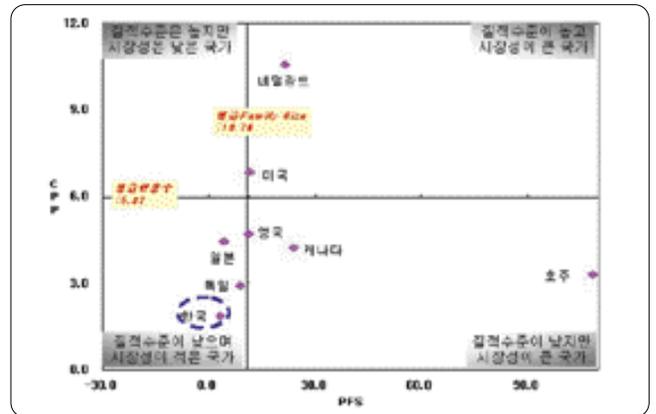
D - Wave Systems,

Factors R&D Technologies

가



< 8. NT 가 >



< 10. 가 >

2.

NT

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NT

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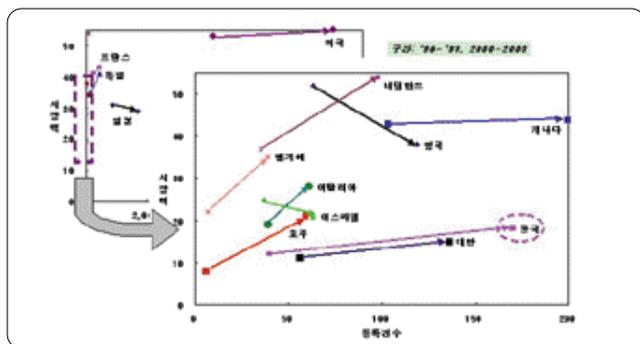
(49.9%)

(31.2%)

가

80%

3



< 9. >

(10.76)

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, NT

Backward Citation

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NT

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가

Silverbrook

Forward Citation



