



1995. 11 /
 1997. 2
 1999. 3 PM /
 2002. 3 e - Marketplace
 /
 2000 ~

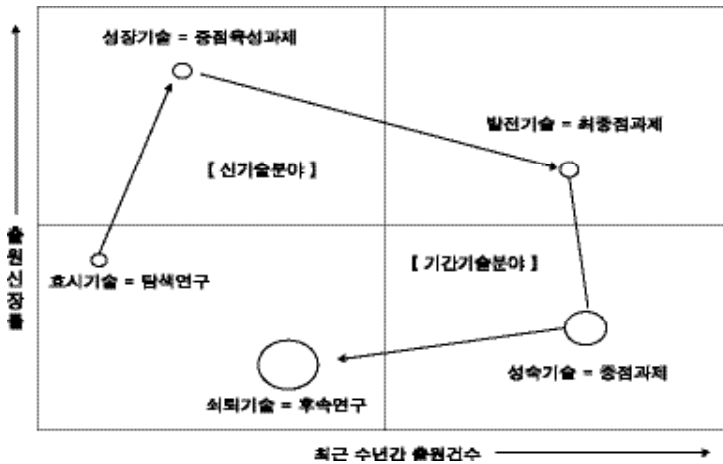
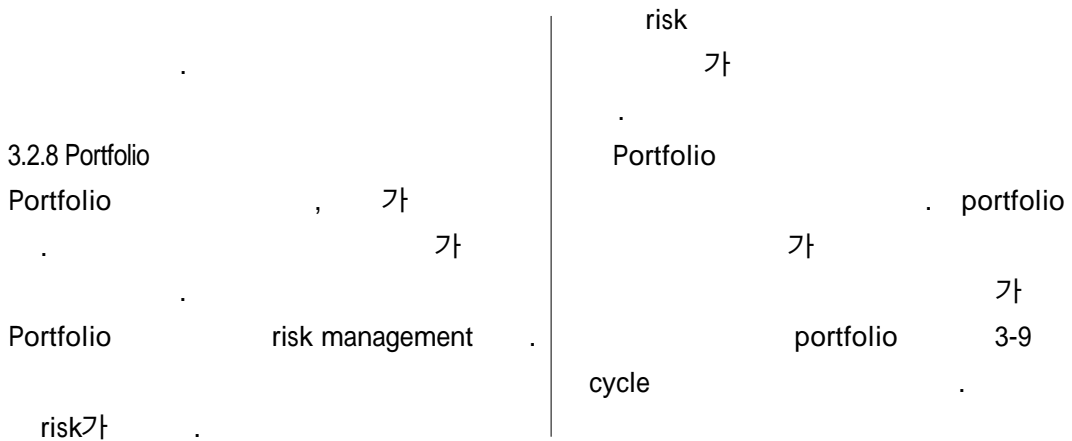
3.2 Patent Map

3.2.7 Tempest

Tempest (TEMPEST) M, P,
 E, S, T 5 .
 M Material . . . , , , ,
 P Personality . . . , ,
 E Energy , ,
 S Space , , , ,
 T Time , , , 가
 . data
 . 3-4 tempest data
 .
 tempest tempest
 , point keyword
 .
 tempest

| | TEMPS T | | | | | |
|---------------|---------|---|---|---|---|------|
| | M | P | E | S | T | |
| JP55 - 10855 | | | | | | |
| JP58 - 153775 | | | | | | |
| JP60 - 89530 | | | | | | |
| JP60 - 210531 | | | | | | V3Ga |
| JP60 - 216592 | | | | | | |
| • | | | | | | • |
| • | | | | | | • |

< 3-4> TEMPST 例



< 3-9> portfolio

- () -----
- () -----
- 가, () -----
- 가 () -----
- () -----
- () -----
- 가 () -----

1
가
가
가
가
1
가

3.2.9

1

가

「 」 level ,

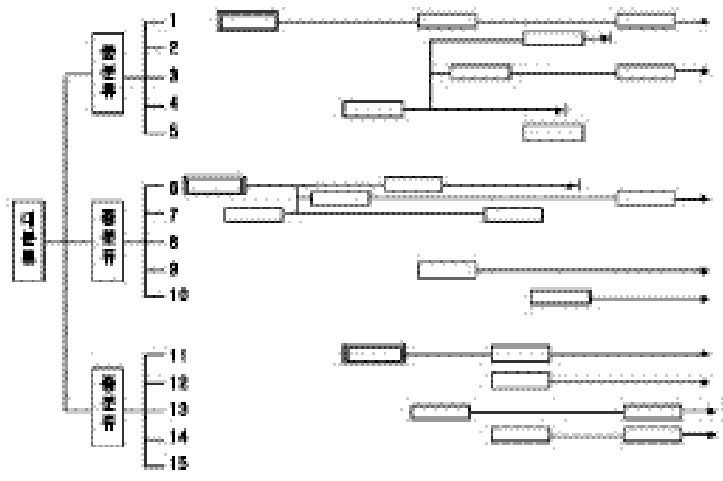
3.2.10 Matrix

Matrix

3-11

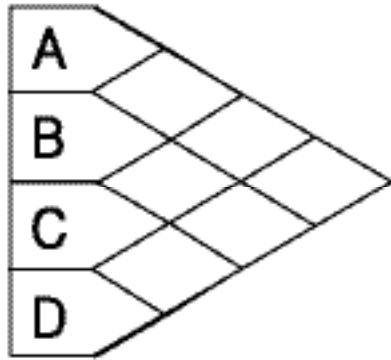
matrix가

가



| | | | | | | |
|---|---|---|---|---|---|---|
| | 가 | 나 | 다 | 라 | 마 | 바 |
| A | | | | | | |
| B | | | | | | |
| C | | | | | | |
| D | | | | | | |
| E | | | | | | |
| F | | | | | | |
| G | | | | | | |

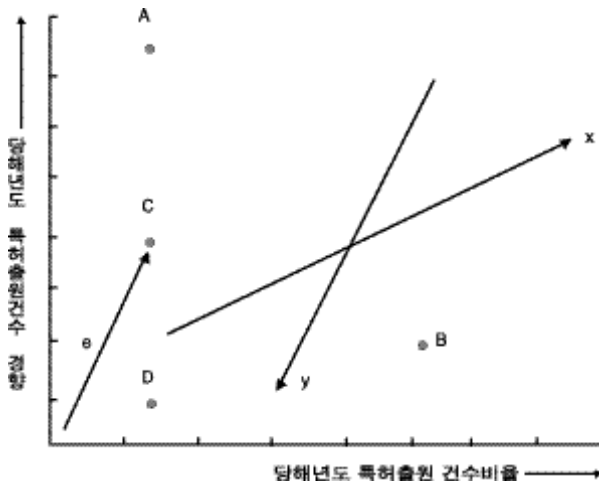
< 3-11> matrix



< 3-12> dia matrix

3-12 dia matrix
 Matrix 가
 (, list ,
) 가

3.2.11
 「 」 「 」
 가
 , 가,
 가



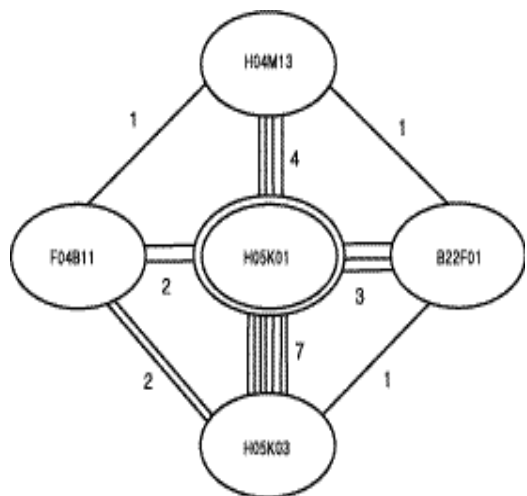
< 3-13> Map

(+)
)
 가 . 3-13 A · B ·
 C · D 4 , A
 , B
 , C
 , D
 .
 A
 (life cycle) 가
 . B (life
 cycle) 가 .

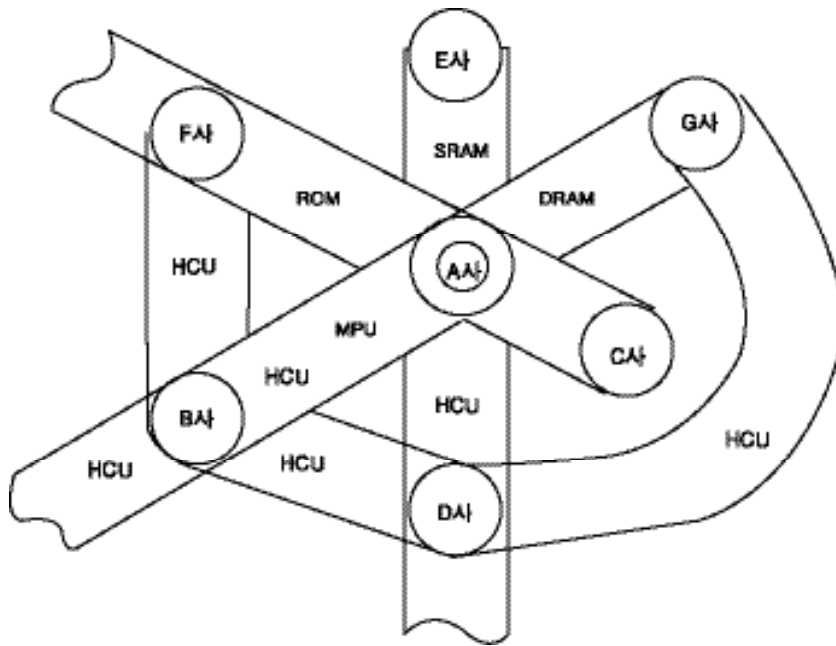
C D (life
 cycle) 가 .
 가
 가
 .
 .
 plot
 x
 y
 가
 .
 3.2.12

| | |
|----|--------------------------------|
| 1 | H05K01, H05K03, B22F01 |
| 2 | B22C03, H05K03, F04B21, G06C09 |
| 3 | C21D11, H05B07, H05H09 |
| 4 | H03B23, H05K01, F04B11, H04M13 |
| 5 | H05K01, H04M13, H05B33 |
| 6 | H04M13, H05K01, B22F01 |
| 7 | F04B11, H05B07, H05K01 |
| 8 | H05K03, B22F01, H05K01 |
| 9 | H05K01, H05K03 |
| 10 | H05K01, G06F09, H04M13 |
| 11 | B22F01, H05K01, H05K03, F04B11 |
| 12 | G10K11, H05K03, H05K01 |
| 13 | H05K01, B22C11, C21D15, H05K03 |
| 14 | H05K03, H05K05, F04B11 |
| 15 | H05B33, H05K03, B22F15, H05K01 |

< 3-5>



< 3-14>



< 3-15 >

,
 ,
 .
 .
 (,)
 ,
)
 keyword
 ,
 group

3.2.13
 ,
 가
 (1) (2
) 가
 가
 가
 3-5 15
 가 가
 3-14
 「H05K01」 가 「H05K03」

3.2.16 share

가

3-16 graph
가

share

3-17

graph

share

share가

- share
- share
- share
- share
- share

3.2.17

- (, , ,)

- (特賣)

- (,)
- (,)
- share

-
-
-
-

가

3.2.18

data

data가

, project

data

가

가가

4. Patent Map

4.1

4.1.1

4.1.2

keyword
 crank
 keyword
 keyword

4.3.4 keyword

1 keyword가 2 가
 keyword
 keyword 2
 pump
 pump
 keyword

5. 가

Patent Map

PM

가 ,가
 (PIAS) INAS, PAMS
 PM PM
 PM
 5~10
 PM

• 2005.5

365 -

