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 (12) (B1)

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 (24) 2002 07 22

(21) 10 - 1994 - 0012486 (65) 1995 - 0017683
 (22) 1994 06 03 (43) 1995 07 20

(30) 93 - 310931 1993 12 10 (JP)

(73) 가 가 2 14

(72) 가 가 가 100 가 가

(74)

(54)

, ,
 , ,
 , ,
 (107) (108)

1

1 ,

2 ,
3 1 가 ,
4 1 ,
5 1 ,
6 4 (a) ,
7 1 (tree) ,
8 2 ,
9 2 ,
10 ,
11 (10) ,
12 ,
13 .

*

1, # 2 - - - 101 - - -
102 - - - 103 - - -
104 - - -
105 - - -
106 - - - 108 - - -
107 - - -

,
. 10 가 .

, (102) , (101) (廊下) , # 1,
2 - - - # 5 . , 1, 2, 3, - - - , 28 (101) (點在) (node) ,
1 # 5

, # 1 # 5 가 , (102)

(5 - 77244)

, (102) # 1 # 5 10 가
, #1 # 5 , 가 가 . 11
1 # 5 , , (a) # 1 # 5
, , , 2 , (b)

, , # 1 # 5† 4, 6, 20, 22, 3 . 12
1 # 5
1 # 2 .
1 # 2

, # 1 (4 18 19 20 21 - - -) 18 .
 # 2 13 # 1 # 5 . # 1 # 3 # 3 (20 6 5
 4 3 16 15) , 6 . .
 , # 1 # 5 . .

가 가 가 . , 가 가 가 가

가

가

; , ,

2

, , ,

1 ,

1

,

,

2 ,

3

가 가

5 가 , 4 3 , 5

1

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가

,

2

, 1

2

, 3

5

, 4

가

3 - 5

가

[]

1

1

(102)

(103)

(104)

(105)

8)

(106)

가

(107)

(108)

(106) CPU

(107)

(10

A :

(108) 가

(107)

가

(108)

,

(105)

,

가

2 (101) . , ()
4 , 1, 2 「3000」 가 1, 가 4 1 2 3 가
가 「7500」 , , ,

(108)

(107)

B : (107) 가

(107) (Tree)

(Tree)

7

N1

N1

(Root)

N2
(子)

가{

(107)

가 (SP1), SP2
,

(103)

(107) 가

SP3 (空)

SP4 (108)

2 가

SP5 SP4 , (SP16),
SP6 . , 가

SP6
(105)

SP7

SP8

SP9

SB1

SP13

SP12 () , SP9 . ,

SP13

SP14 (108) ,

SP15 SP14 가 가 가
SP16 , SP14 .

SP16 SP13 , SP9

(107) , 2 가

C : 1

, (102) . 4 . , # 1 # 5 , 11

11

, (107) (103) # 1 # 5
, (108) . (108) { 4 (a) }.
5 , (107) { 4 (a) }.

1 # 5

(107) (108) . 6
,

= (# 2, # 1, # 5, # 3, # 4)

, (107) . , # 2 () , 7 # 2 N1 , # 2 2 3 4 5 6 7

, N3 # 1 ,
1 가 . . , ,

, N2 , 2 # 1 (9 8, 13
 12) . , # 3 , 5
 (a) 가 . , (# 1, # 4) N2 N4 .
 # 1 , 5 (b) 가 , (# 1, # 4, # 3,
 # 2) N4 N5 . , # 1
 { 5 (c) }. , ((7), 가 . , (102) # 1
 # 5 , # 1 # 5 .

D : 2

, (101)(8) . . . (101) # 1 # 5 (101)(11) 20,
 21 (11). , 6, 7 , 7, 8 , 21, 22 1
 가 , .

7 (b) 가 , , , ,
(# 1, # 3, # 4, # 5) N6 N7
1 (6 20 19 18 17 16 15) ,
가 . , 가 ,
N7 # 3 # 3

(57)

1.

2.

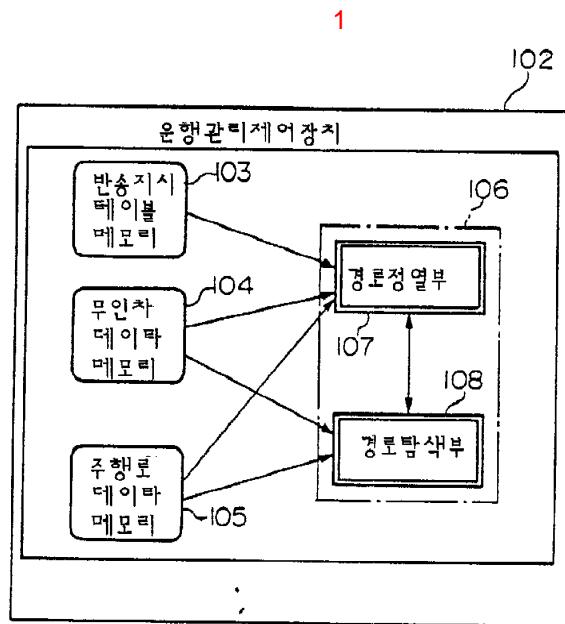
2

가 가

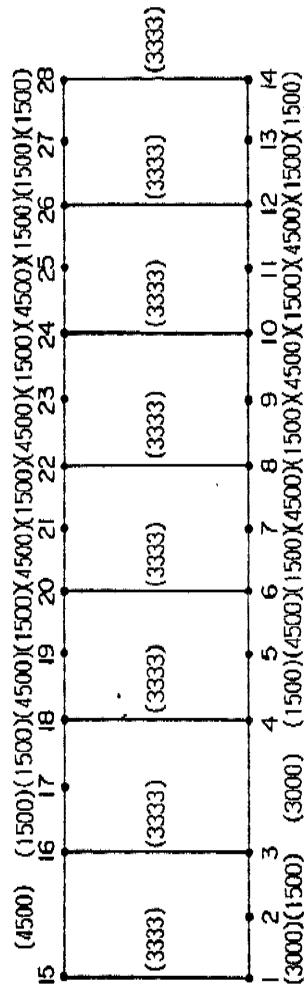
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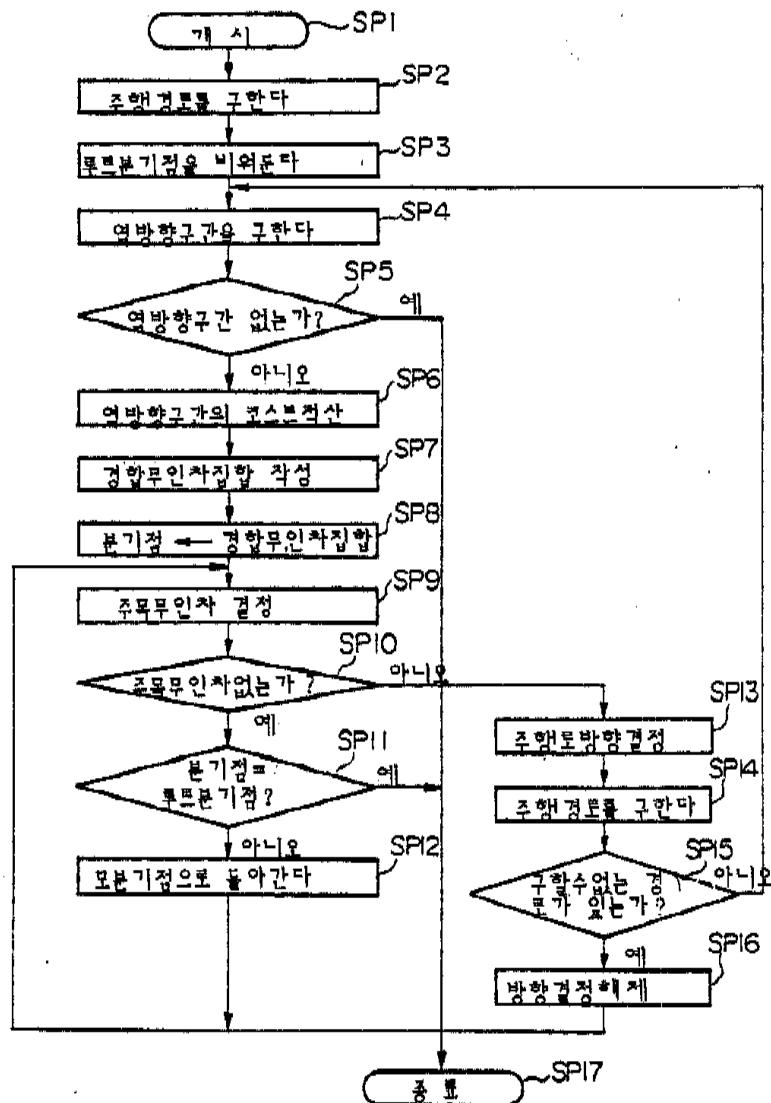
가 , 3 5

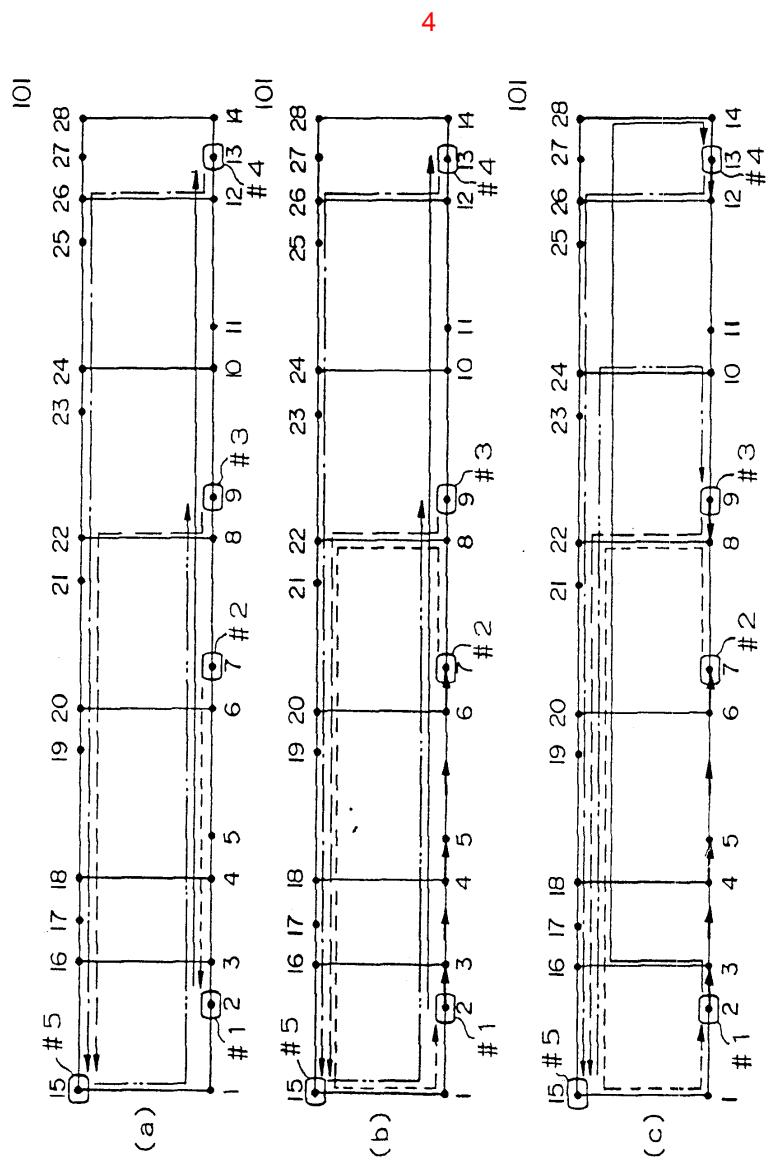


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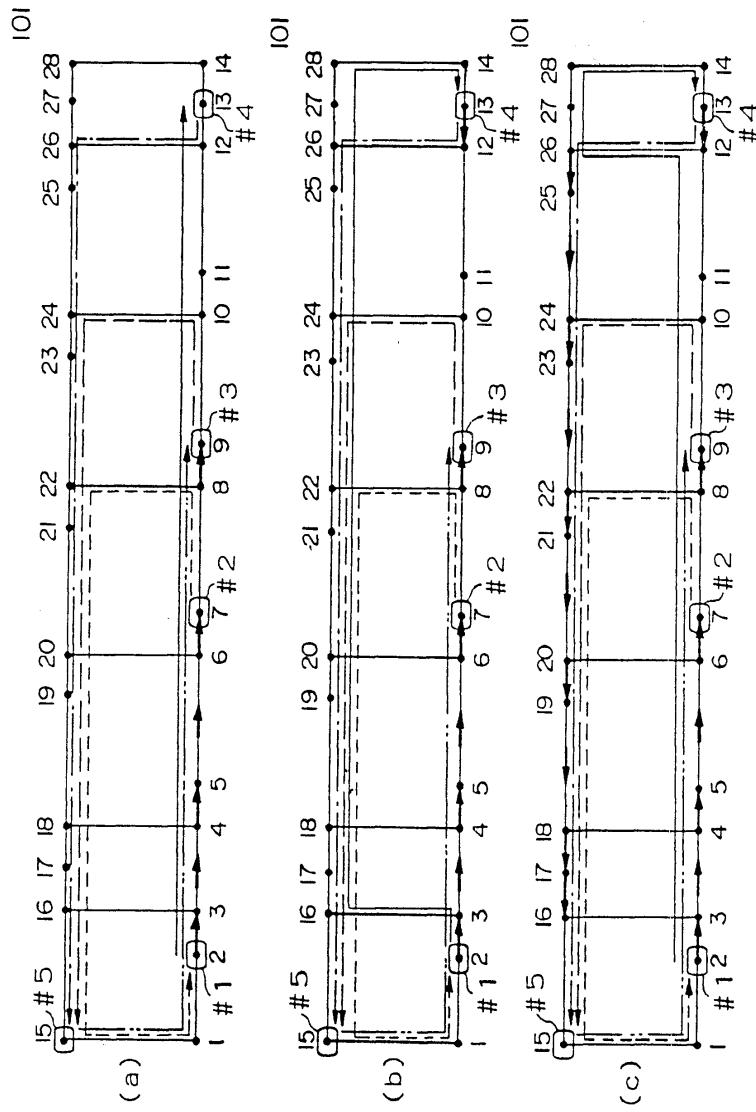


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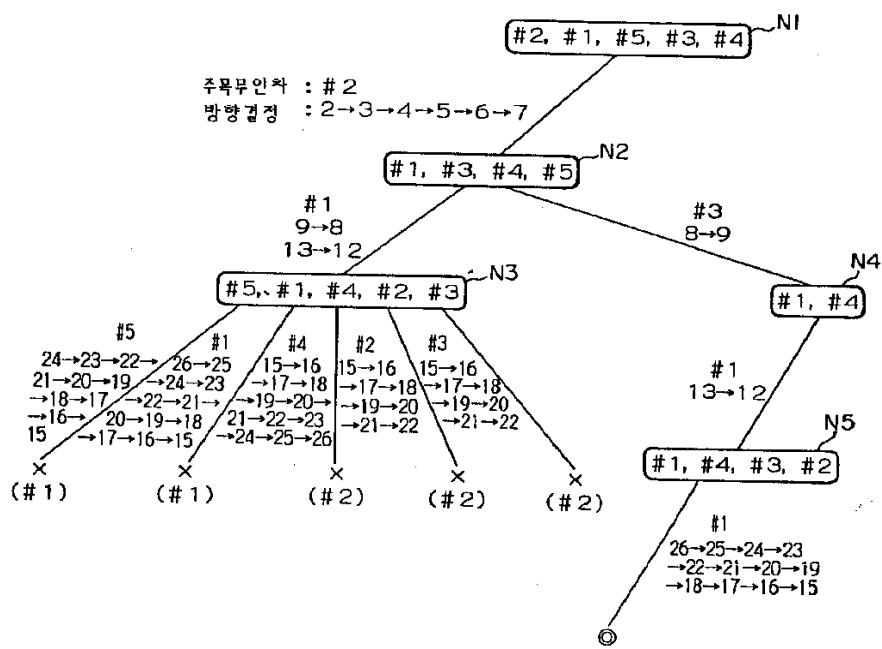


5

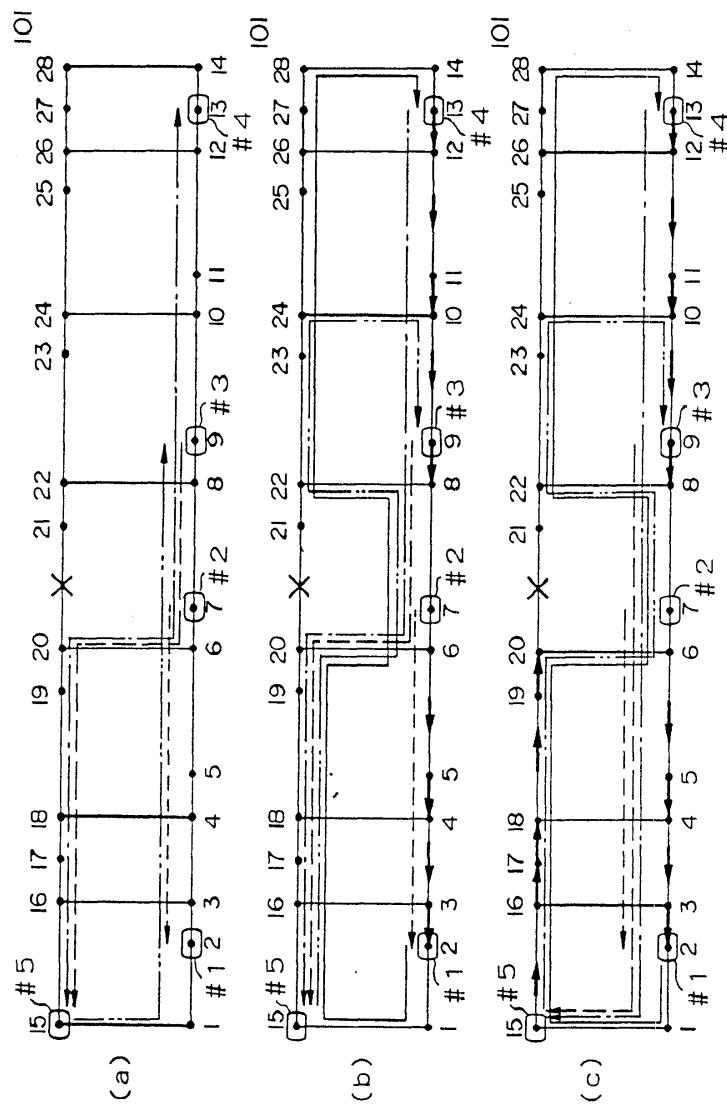


문인자	정원자	여방향구간	코스트	코스트 합계
# 1	# 2	2→3→4→5→6→7	12,000	
	# 3	8→9	1,500	
	# 4	12→13	1,500	15,000
# 2	# 1	7→6→5→4→3→2	12,000	
	# 5	7→6→5→4→3→2	12,000	24,000
# 3	# 1	9→8	1,500	
	# 5	9→8	1,500	3,000
# 4	# 1	13→12	1,500	1,500
# 5	# 2	2→3→4→5→6→7	12,000	
	# 3	8→9	1,500	13,500

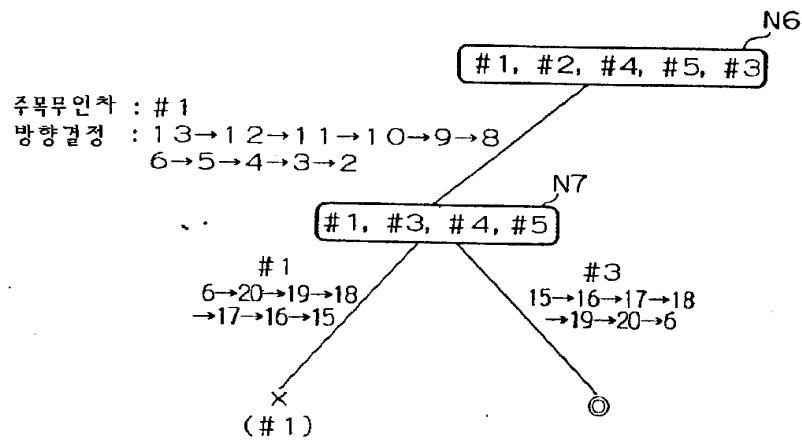
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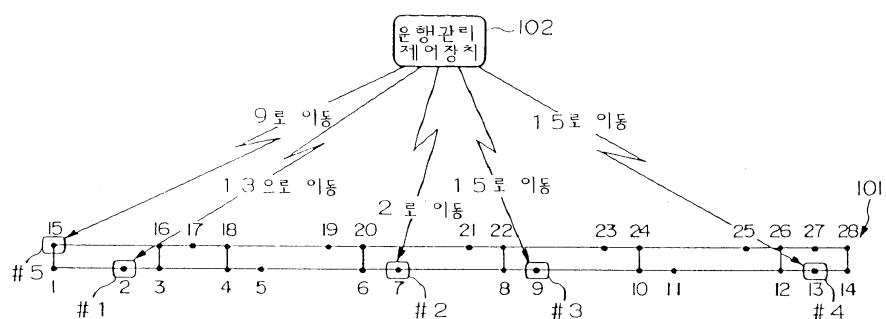
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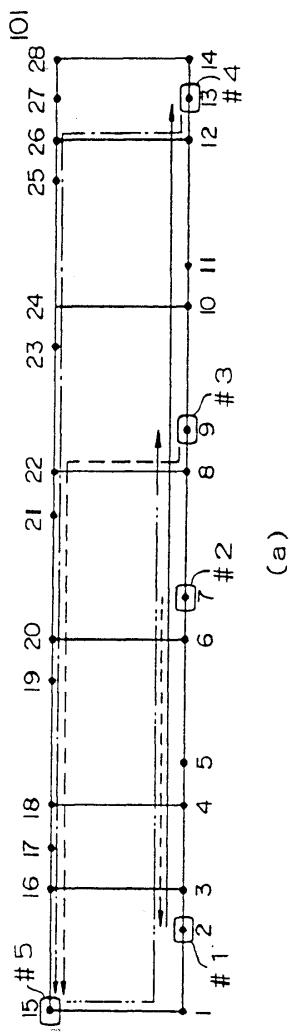
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10



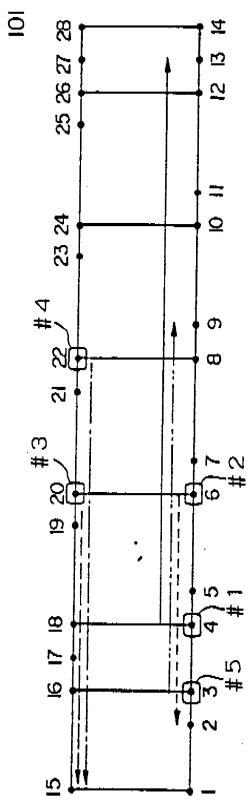
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차량	출발로드	도착경로	목표로드
# 1	2	→ 3 → 4 → 5 → 6 → 7 → 8 → 9 → 10 → 11 → 12 →	1 3
# 2	7	→ 6 → 5 → 4 → 3 →	2
# 3	9	→ 8 → 22 → 21 → 20 → 19 → 18 → 17 → 16 →	1 5
# 4	1 3	→ 12 → 26 → 25 → 24 → 23 → 22 → 21 → 20 → 19 → 18 → 17 → 16 →	1 5
# 5	1 5	→ 1 → 2 → 3 → 4 → 5 → 6 → 7 → 8 →	9

(b)

12



13

