

(19)  
(12)

(KR)  
(B1)

(51) 。 Int. Cl. 7  
H04Q 3/64

(45)  
(11)  
(24)

2002 05 02  
10 - 0334816  
2002 04 18

(21) 10 - 1999 - 0060153  
(22) 1999 12 22

(65) 2001 - 0063178  
(43) 2001 07 09

(73)

3 416

(72)

10

710

(74)

:

(54)

MIN

가

가

가

MIN

MIN

Prefix가

MIN

MIN

Prefix head digit 가

4

- 1
- 2                    MIN
- 3                    Prefix MIN
- 4                                    MIN
- 5                    가

MIN(Managed Intelligence Node)

가

MSC

가

가

가

가 가

가

가

MSC

MIN(Managed Intelligence Node)

VLR

VLR(Visitor Location Register)

MIN(M

Managed Intelligence Node) 가

가 가

가

MIN

MIN

MIN

MIN

MIN

MIN

Prefix가

Prefix he

ad digit 가

Prefix

1

MSC(Mobile Switching Center)(100)

MIN(Managed Intelligence Node)

MIP(Managed Intelligence Platform)(120) , BSC(Base Station Controller)(108)  
 , BSC(108) BTS(Base Transceiver Station)(110)  
 , (112) PSTN(Public Switched Telephone Net  
 work) (PLMN: Public Land Mobile Network) . BSC(108)  
 , (hand - off) . BTS(110) (112)  
 , . HLR(106) 가 (100) MSC ATM  
 . ( ) (100)

MIP(120) MIN1 MINn(A1 An) VLR(Variable  
 Location Register)

2 MIN

3 Prefix MIN

MIN

MSC

MIN

MSC

MIN

. MIN

Prefix MIN

3

가

3  
 가 MIN  
 fix Call MIN

BSC(108)

MIN

가

Pre  
 MIN

B(Relation Data Base)  
 obil Identity)

3

가

OODB(Object Oriented Data Base)

RD

가 Prefix

3

(MIN2)

. Prefix

가

(M

가

Prefix MIN

MIN VLR

7  
 Prefix

MIN2가

6

Prefix

4

MIN

101 (100)

MIN1 MINn

MI

N

102

MIN

10

3 MIN

104

Prefix

가

MIN Prefi

x head Digit('8') 가

Prefix

MIN Prefix가

Prefix가

105

3

MIN

Prefix

가

MIN

106

MIN

MIN

가

109

refix field MIN Prefix head Digit '8'

107

(Mobile ID)

(Mobile ID) P  
 MIN Prefix

108

MIN

102

1

04 Prefix가

MIN Prefix head digit('8')

109

5 가

201 (100) MIN1 MINn MIN  
 (Connect ind) 202 MIN (Connect  
 ind) 203 210 (Connection Re  
 sponse) 211 203 가  
 204 MIN 205 Prefix 가  
 MIN Prefix head Digit('8') 가 Prefix 가  
 206 3 MIN Prefix가 Prefix가  
 207 MIN MIN 가 210  
 (Connection Response) 211  
 208 (Mobile ID) Prefix field MIN Prefix head  
 Digit '8' , (Mobile ID) MIN Prefix 209  
 MIN 202 205 Prefix가  
 MIN Prefix head digit('8') 210 (Connection Response) 211

가 VLR MIP MIN VLR  
 MIN

(57)

1.

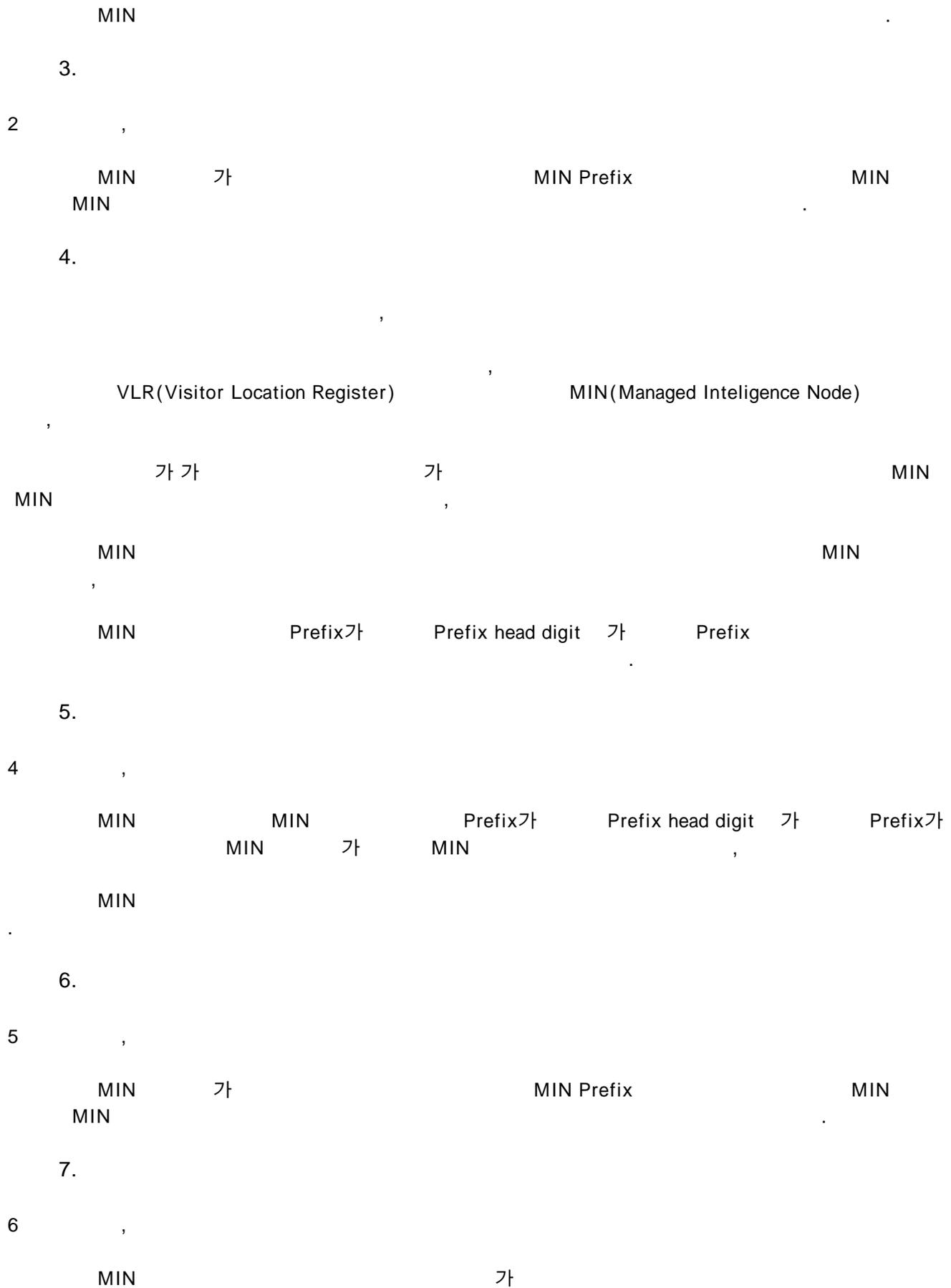
VLR(Visitor Location Register)

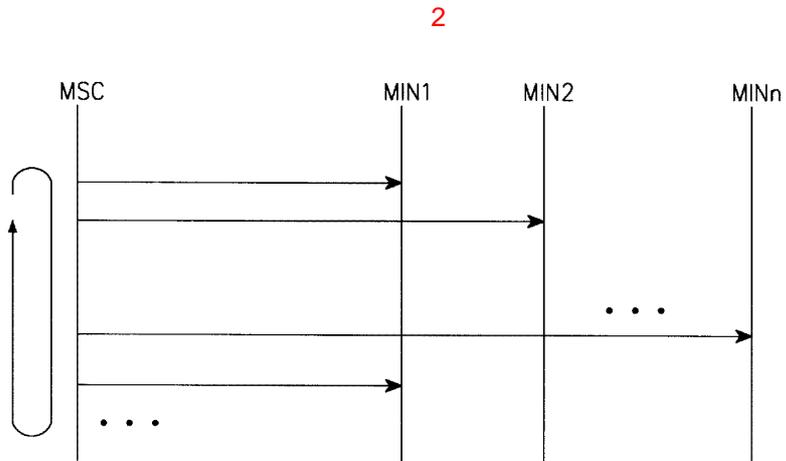
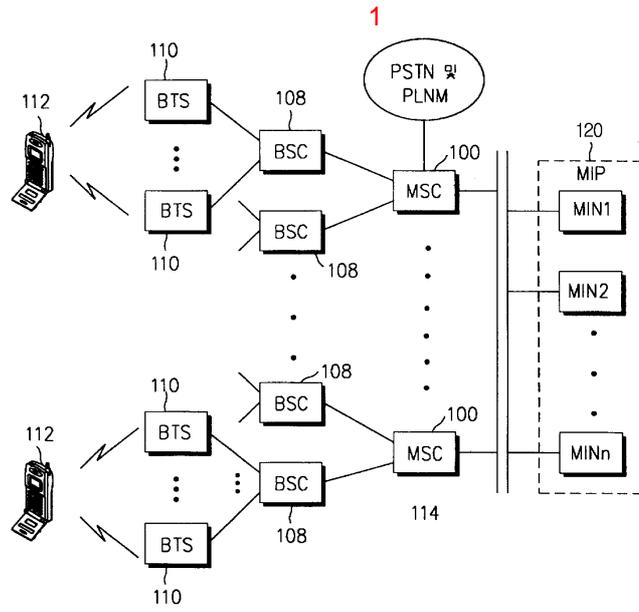
MIN(Managed Intelligence Node)

MIN 가 가 가 MIN  
 MIN MIN MIN Prefix가 Prefix head digit 가 Prefix  
 MIN MIN MIN 가 MIN

2.

1 ,  
 MIN MIN Prefix가 Prefix head digit 가 Prefix가  
 MIN MIN 가 MIN





3

PREFIX	CALL MIN ADDRESS	MIN STATUS
XXX	MIN1	AVAILABLE OR UNAVAILABLE
YYY	MIN2	AVAILABLE OR UNAVAILABLE
???	???	AVAILABLE OR UNAVAILABLE

4

