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10-2004-0039548  
2004 05 12

(21) 10-2002-0067656  
(22) 2002 11 02

(71) 20

(72) 881 113-1104

(74)

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(54)

VoIP

가

SLT

PC

VoIP

SLT

가  
, IP

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2 3

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201:

206:

202:

207:VoIP(Voice over Internet Protocol)

203:DTMF / 208:

204: 209:

205:

VoIP 가 SLT , PC

VoIP 가 , IP VoIP(Voice over Internet Protocol) , IP(Internet Protocol) PSTN(Public Switched Telephone Network) 가

VoIP (Internet Phone) IP PC(Personal Computer) PC PC, PC , PC PC PC PC , PC PC PC , PC PC PC , PC PC , PC VoIP , VoIP PC 가 가

VoIP 가 SLT , PC

VoIP , IP VoIP SLT

SLT VoIP

DTMF SLT IP VoIP DTMF ;

가 VoIP (400-1~400-N)가 , IP PC(100-1~100-N) (

VoIP (200) (300) 가 , (201) (202) , DTMF / (203) , (204) , (205) , (206) , VoIP (207) , (208) , (209)

6) (201) (301) (206) (Off-Hook) (20) , DTMF(Dual Tone MultiFrequ

ency) / (203) (301) DTMF (206) (204) (300) , (205) VoIP (206) 가 (200) , IP IP가 , (206) VoIP (301)

(200) , IP , VoIP IP (207) VoIP (206) 가 VoIP IP (200) (208) (206) 가 , VoIP IP (209)

VoIP 2 3

2 (300) 가 .

Single Line Telephone) 가 (300) 가 (400-1) VoIP (200) SLT(Sin S21), (Idle) 가 (Ring Signal) ( S22). 가 ( S23). (206) (201) (206) ( S24), DTMF / (203) , DTMF (202) ( S25) (204) (Dial Tone) ( S26).

가 , DTMF '#' .

/ 가 (400-1) DTMF가 ( S27), VoIP (200) DTMF (203) (206) ( S28).

(206) DTMF / (203) DTMF , (205) ( S29).

F (206) DTMF (203) DTMF , DTMF / (203) DTM ( S30), (205) IP ( S31) , VoIP (207) VoIP (207) LAN (2 ( S32). , VoIP (207) LAN (2

10) VoIP .

, VoIP (208) (Alert Message) ( S33),

(206) (RingBackTone) (Connect Message) (209) (S34). 가 VoIP (206) (207)가 IP (204) (206) (S35), VoIP (208) (S36). (209) VoIP (208) , 3 IP 가 , VoIP (S301). (207) (209) (SET-UP) (300) (Idle) (206) (202) (S302), (205) (300) 가 (S303), DTMF (203) (Alert Message) (Connect Mess age) (S304). VoIP (S305), (207) (208) (S306), VoIP (207) (208) (S307). VoIP (207) (208) . 가 , 가 , 가 .

가 PC VoIP 가 , 가

- (57)
1. 가 , IP VoIP , SLT
  2. SLT VoIP , SLT DTMF ; DTMF IP VoIP
  3. 2 , DTMF , VoIP 가 , SLT(Single Line Telephon e) 가 (Ring Signal) (Idle) 가 ; , DTMF , (Dial Tone) ;

가 DTMF가 , , DTMF ;

IP , VoIP .

4.

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IP VoIP ,

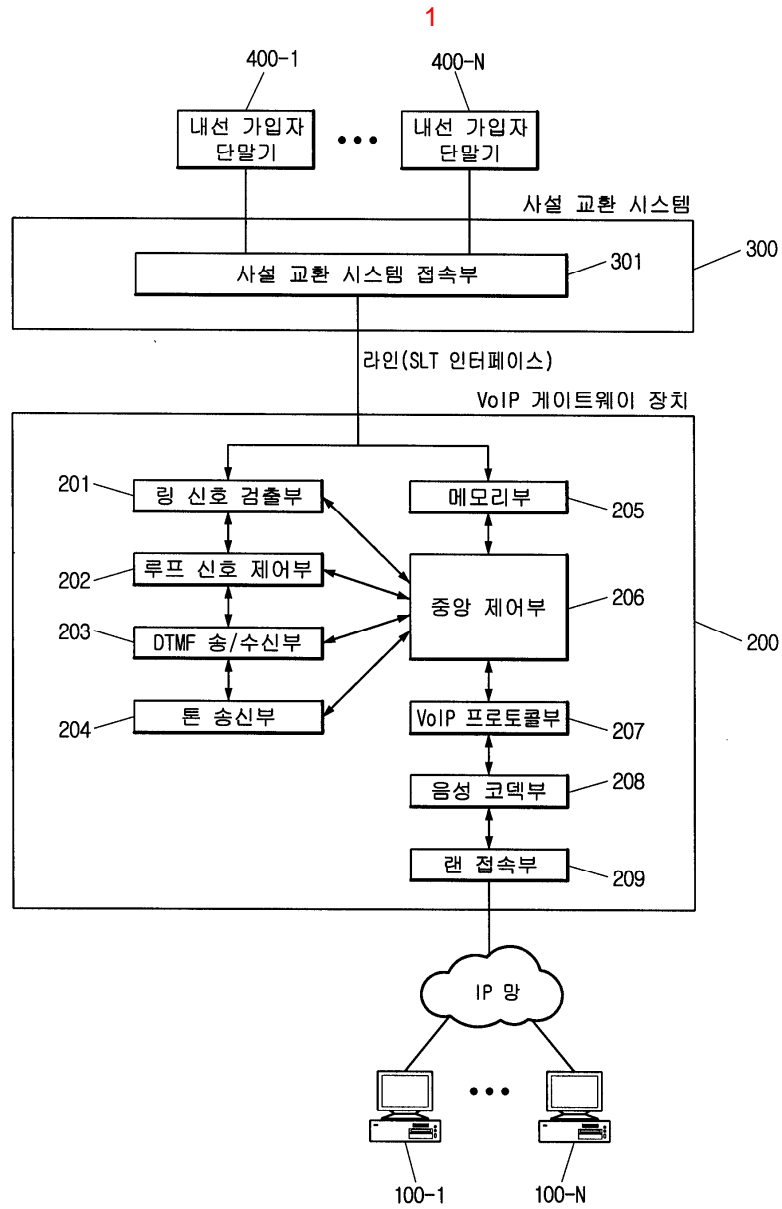
(Alert Message) , (RingBackTone)

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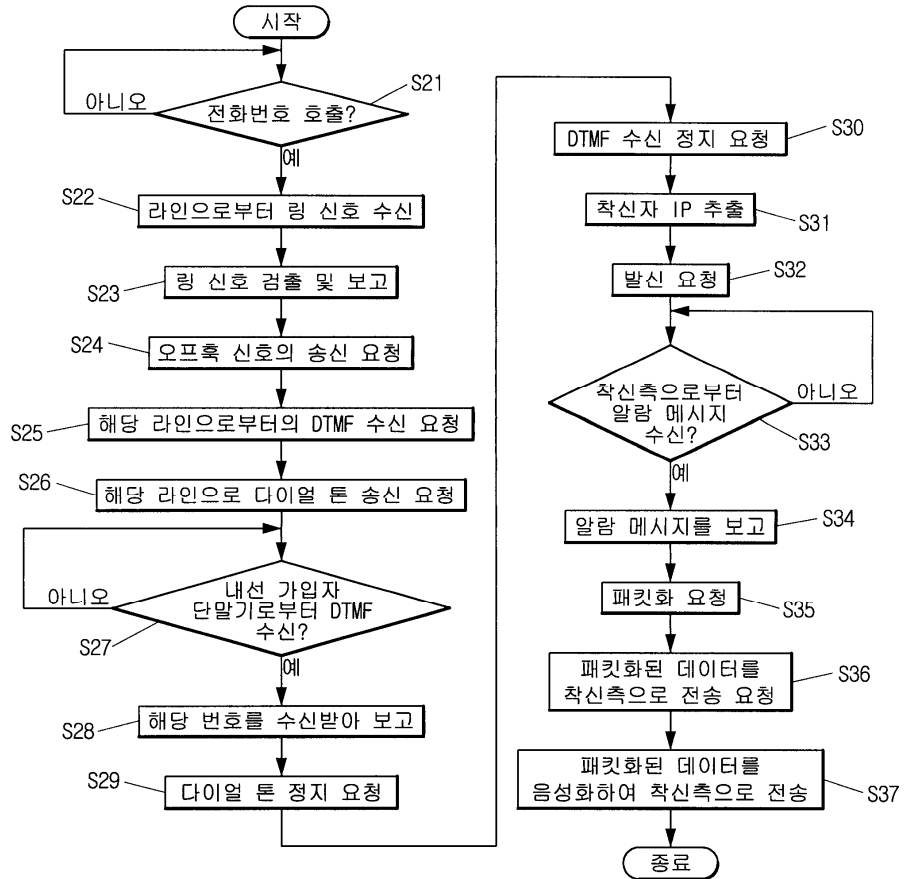
가 , IP (Connect Message)

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