

(19) (12) (KR) (A)

(51) 。 Int. Cl.⁷
G06F 17/00 (11)
H04N 7/24 (43) 10-2005-0004216
2005 01 12

(21) 10-2004-7018967
(22) 2004 11 23
2004 11 23
(86) PCT/IB2003/001994 (87) WO 2003/101111
(86) 2003 05 13 (87) 2003 12 04

(30) 10/155,262 2002 05 23 (US)
(71) , , 1
(72) -5656 6
-5656 6
(74)

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(54)

가 가 (descriptors)
(mood), (synthesis process)
/

(customization)

가 (overlay) (customizing) , WO 01/52099 US 2001/0014
906 .
가 , 가
 , , .

tors) (presentation elements) (content descrip
.
/ , , , ,
/ , (mood),
 , / ,
 , .
 , .

- 1 .
- 2A-1 .
- 2A-2 .
- 2A-3 .
- 2B .
- 2C .
- 3 .
- 4 .

1 (105) (106) , CPU(101), (103) (102) (104)

CPU 가 CPU PC - CPU

(102) , 가 , CPU , RAM, , CD/RW, DVD , VCR, /

(104) , , , , , , IR

1 / , , , , ,

(103) , LAN, CPU(101) , CPU , (105) (106)

(client end) (annotated) (105) , (metadata) (pres ent) 가

2C 2A-1-3; 2B

2A-1 가 , (240), 1(241), 2(242) , (243), (244)

- ' () (punch line)';

- , ,

- 가 (paragraph) ;

- (personality descriptions) - , 가 (/ , / ,...)

- - , / (soap opera)가 16 22 / /

/

(2

45) . , 2A
-2 . ,
, 'BACKGROUND 1' 2 (250 251),
2A-3 'BACKGROUND 2' (252 253) (figures)
2A-1 , 2 2A-2
2A-3 , 1 , 2A-2 1
, 1 , 2A-2 . 2 , 2A-3 .
2B , 가 가
2A-1 2A-3 , 2A 1-3
2B 2 (A B)
1 , 10 , 20
가 1
2B , (201 206)
2A(203);4A(205) 5A(211)
, A 6 (202, 203, 204, 205, 211, 212)
B 3 (207/208, 209, 210) . B 1B가 2
, 1B(208) 1B'(207) . (208 207)
2A-1 (243 244)
가 . 2C 4 (220, 221/222, 223, 224/225)
, ()
/ 가 가
가
, ,
, ,
, 가 3 1(220) 가 (, 6)
30 2(222) 2 /
1 30 20
2 , 3(223)
4(225) , 가 , 4
가(mall),
30 2 (224).
가 2C
Jay Leno 가
1(220) 3(223)
, 2(222) 4(225)
2
(221) 가 (224)
4

2 . 가 , 가
' ' (spice)' ' (triangular br
ackets) >' ' 가 2A1-3,
2B 2C .
(drop) 가
MPEG-4, <http://mpeg.telecomitalia.com/standards/mpeg-4/mpeg-4.htm>; MPEG-7, <http://mpeg.telecomitalia.com/standards/mpeg-7/mpeg-7.htm>

(personalization) 가

3 (301), (303) (304), (308) / (302)

2A 2C (301) IR () 가

(308) (308) 가

(306)

(305) (306) (305) (304) (308)

(306) (303)

, 가

(306)가 가 , CNN , (304) 가 가

1999 12 17 'METHOD AND APPARATUS FOR RECOMMENDING TELEVISION PROGRAMMING USING DECISION TREES' 09/466,406 ; , 2000
9 20 'METHOD AND APPARATUS FOR GENERATING SCORES USING IMPLICIT AND EXPLICIT VIEWING PREFERENCES' 09/066,401 ,

C (306) 가 , 2B

, CNN 가
, TV

가 가 5 가 가 ,

가

가 가

- 가가 , 가가

가

(mood specification)
가 가 ,
가 , 가

가

(presenter figure portion)

가 (303)

(repository) (302)

/

가 가 가

가 (consistency)

1970 10

가, BMW

() (talking heads) () (full-body)

(303) (302) (301)

(303) (310)

/ / /

(303) Bill Evans Bozo

2001 9 30 -10 5 T

he 9th ACM International Multimedia Conference ACM, 2001 ACM Multimedia Yan Li, Feng Yu, Ying-Qin g Xu, Eric Chang, Heung-Yeung Shum가 'Speech-Driven Cartoon Animation with Emotions'; , 1999

MIT AI Memo No.1658/CBCLMemo No.173 T.Ezzat T.Poggio가 'Visual Speech Synthesis by Morphing Visemes,'

가

가

Sevin

' EPFL Computer Graphics Lab-LIG, 'Towards Real-time Virtual Human Life Simulation, ' 0-7695-1007-8/01;IEEE 2001

가

(306)

가

David Letterman

Letterman

Jay Leno

David Letterman

Jay Leno

, David Letterman

, Jay Leno

Jay Leno

(303)

가

가

가

(pauses)

가?

가

가 '

(dead space)

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가

가

(textual overlay)가

John Madden

, Dan Dierdorf가 Frank Gifford Al Michaels
TV

(narrative content)

timistic))

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15

2

(maturity ratings)

가

(premium)

가,

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4 3

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2B

, (404) ,

. (405) ,

(306)

(406)

, (407) ,

'a' 'an' 가

(57)

1.

- (301) , (content descripto
 rs)(201-212, 220-225, 240-245, 250-253, BACKGROUND 1, BACKGROUND 2)
 (301) ,

- (303, 407) ,

- (presenting)

2.

1 ,

- (304, 305, 308) (306) ,

- ,

3.

2 ,

- ,

- (405)

9 , (305) (interactive user s
pecification) , .

13.

(101, 102, 104)

(105)

14.

13

, :

- (spoken material)가 - (240-245) ,

- 가 (251-253, BACKGROUND 1, BACKGROUND 2) ,

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- (201-212, 220-225)

15.

13

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16.

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- (201-212, 220-225, 240-245, 250-253, BACKGROUND 1, B
ACKGROUND 2) (301),

- (303, 407);

- , .

17.

16

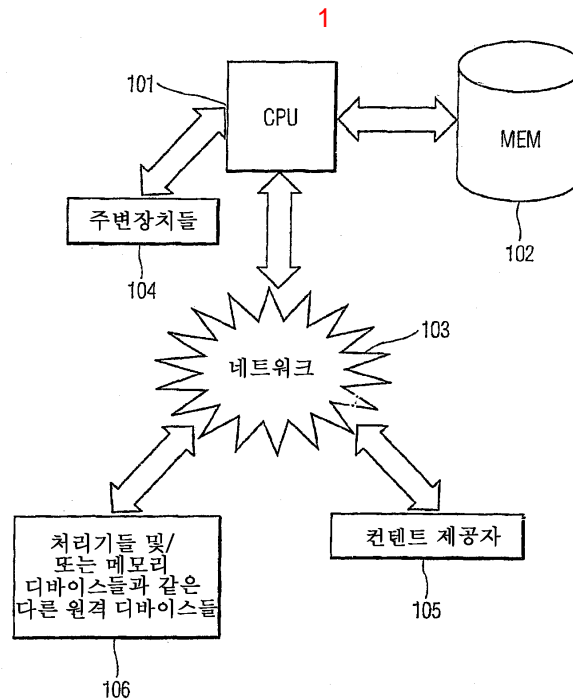
가

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18.

16

, .

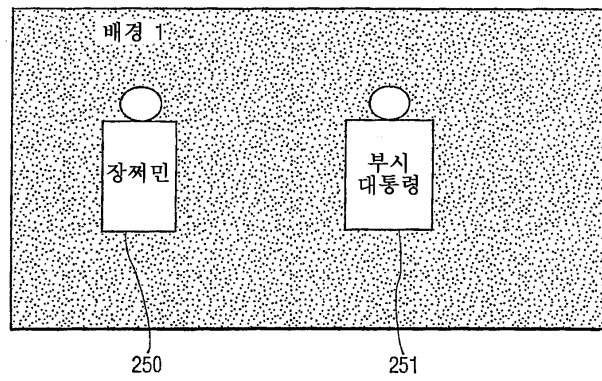


2A-1

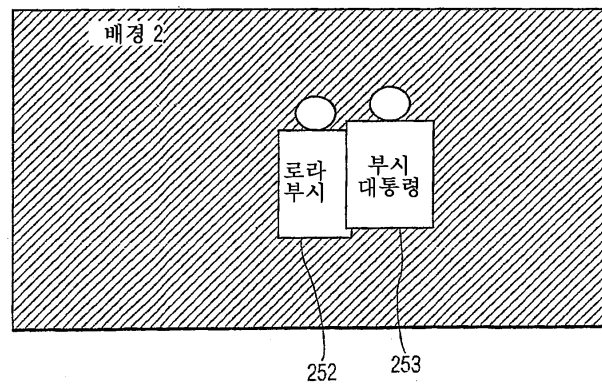
240	<p>SOURCE: CNN; TITLE: SECOND DAY OF BUSH VISIT TO CHINA; DATE: FEBRUARY 18, 2002 TIME: 11:45; DURATION: 2-5 MINUTES; KEYWORDS/RELATED TOPICS: US-CHINA RELATIONS, US FOREIGN POLICY, US-ASIA POLITICS, HUMAN RIGHTS, RELIGIOUS FREEDOMS,....</p>
243	<p>STYLE: NEWS TEXT LONG: US PRESIDENT GEORGE W BUSH HAS URGED CHINA TO RESPECT HUMAN RIGHTS, INCLUDING RELIGIOUS FREEDOMS, AFTER INITIAL TALKS IN BEIJING WITH HIS CHINESE COUNTERPART, JIANG ZEMIN. SPEAKING AT A JOINT NEWS CONFERENCE, HE THANKED CHINA FOR ITS CO-OPERATION IN THE US-LED WAR ON TERROR-AN ISSUE THAT HAS HELPED PUSH TENSIONS BETWEEN THE TWO COUNTRIES ASIDE. BUT AFTER THE TALKS, WHICH MR BUSH DESCRIBED AS "CANDID", THERE WAS NO SIGN OF ANY BREAKTHROUGH ON THE ISSUE OF WEAPONS' PROLIFERATION AND WASHINGTON'S CONCERNS OVER CHINESE MISSILE TECHNOLOGY. THE MEETING CAME 30 YEARS TO THE DAY SINCE RICHARD NIXON PAID THE HISTORIC FIRST VISIT BY AN AMERICAN PRESIDENT TO COMMUNIST CHINA. MR JIANG SAID HE WANTED TO BOOST TIES BETWEEN THE TWO COUNTRIES AND HAD ACCEPTED AN INVITATION TO VISIT THE US IN OCTOBER. ...FIGURES 2A-2&3</p>
244	<p>TEXT SHORT: US PRESIDENT GEORGE W BUSH HAS URGED CHINA TO RESPECT HUMAN RIGHTS, INCLUDING RELIGIOUS FREEDOMS, AFTER INITIAL TALKS IN BEIJING WITH HIS CHINESE COUNTERPART, JIANG ZEMIN. THE MEETING CAME 30 YEARS TO THE DAY SINCE RICHARD NIXON PAID THE HISTORIC FIRST VISIT BY AN AMERICAN PRESIDENT TO COMMUNIST CHINA. MR JIANG SAID HE WANTED TO BOOST TIES BETWEEN THE TWO COUNTRIES AND HAD ACCEPTED AN INVITATION TO VISIT THE US IN OCTOBER. ...FIGURE 2A-2</p>
241	<p>STYLE: HUMOR 1 TEXT: PRESIDENT BUSH DISCUSSED HUMAN RIGHTS IN CHINA TODAY. AFTER SPENDING AN HOUR TRYING TO FIND THE PODIUM AND THE MICROPHONE HIDDEN IN THE GREEN HE ALSO SPEND FEW MINUTES ON PARK VEGETATION REGULATIONS IN CHINA. ...FIGURE 2A-2</p>
242	<p>STYLE: HUMOR 2 TEXT: PRESIDENT BUSH SPENT ANOTHER DAY IN CHINA IN WHAT SEEMS LIKE AN ATTEMPT TO CATCH UP ON HIS TRAVELS ABROAD. LOOK AT THIS PICTURE, IS THIS A FAMILY ON VACATION OR WHAT? ...FIGURE 2A-3</p>

245

2A-2



2A-3



2B

