

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl.<sup>7</sup>  
G06F 17/30

(11)  
(43)

2003-0070480  
2003 08 30

(21) 10-2002-0010032  
(22) 2002 02 25

(71) 20 LG

(72) 2610

3 APT13 301

11 196-284 4 502

(74)  
:

(54)

(network)

(metadata)  
(browsing)

2(24), 3(25),..., N  
(Description Server)(27),  
)

(21)  
(22)  
(DG)(28),  
(Description File)

(22) 1(23),  
(Contents DB)(26),  
(Description DB)(29)

가

3



IP

가

(Agent)  
가

가

가

가

가

가

1  
1 MPEG7 / (DG : Description Generator) 1  
 (Support multi-level summary), (Support annotation), (Textural DDL description output), 2  
 (Binary description output), (Support description Editing) 가 , (Browser) (Multi-level summary browsing), (Annotation search

within a video), (Listing existing annotation for the within-a-video search),  
 (Annotation-based with respect to multiple videos)

2 MPEG7 . 2  
 MPEG7 (Hierarchical Highlight Summary  
 Description) (Textural Description) 2 (Binary for  
 MPEG7)

2 (1) (2), DOM (3), DDL (4), BiM  
 (5), DDL (6), BiM (7) . 2 (8) DDL (9), BiM (10  
 ), DOM (11), (12), (13), (14),  
 (15)

er Interface) (2) (1) (DG UI: Description Generation Us  
 . DOM (3) 'Document Object Model Memory' (2)  
 . DDL (Description Definition Language Write  
 r)(4) DOM (3) DDL (Binary format of MPEG-7 Encoder)(5)  
 (Textural DDL Description File)(16) . BiM (DDL  
 DOM (3) 2 (Binary Description File)(17) (

2 (8) DDL (9) DDL (16) DOM (11) . Bi  
 M (10) BiM (17) DOM (11) . DOM (11)  
 DDL BiM (12) , DOM  
 (11) DDL BiM (13)  
 ) (14) , (15) (14) (12)

가 2 ,  
 , 가 가 .  
 , 가 가  
 , 가 가 3  
 (21) (22) 1(23), 2(24), 3(25),..., N 가 가  
 (22) (Contents DB)(26), (Description Server)(27),  
 (DG)(28), (Description DB)(29) (23) (23a)  
 (23b) (23a) (23b)  
 PC가 (24) (24a) (23b)  
 (24a) (24b) , (24b)  
 PC가 3(25) (25a) (24b)  
 (25a)  
 , 가  
 (Description File)  
 , 가

가

4

4

(MM Contents)  
(Content Provider)

(Description File)  
(Link)  
(Decription Generator)  
가

3

4

(26)  
(DG)(28)

(29)

(28)

(27) (23,24,25)

MPEG7

29)

가

가

(26)  
(29)

(28)

(27)

가 가

가

가

1(23)

2(24)

3(25)

(27)  
1

1(23)

(21)  
가

가

(update)

MPEG7

(Hierarchical Highlight Summary Description)

MPEG7

(Descriptor)

3  
가

4  
가

MPEG7

가

가

가 ,

가

가

가

가

가

(57)

1.

2.

1

3.

1

IP

4.

1

5.

1

가

6.

7.

6

7 8.

6 9.

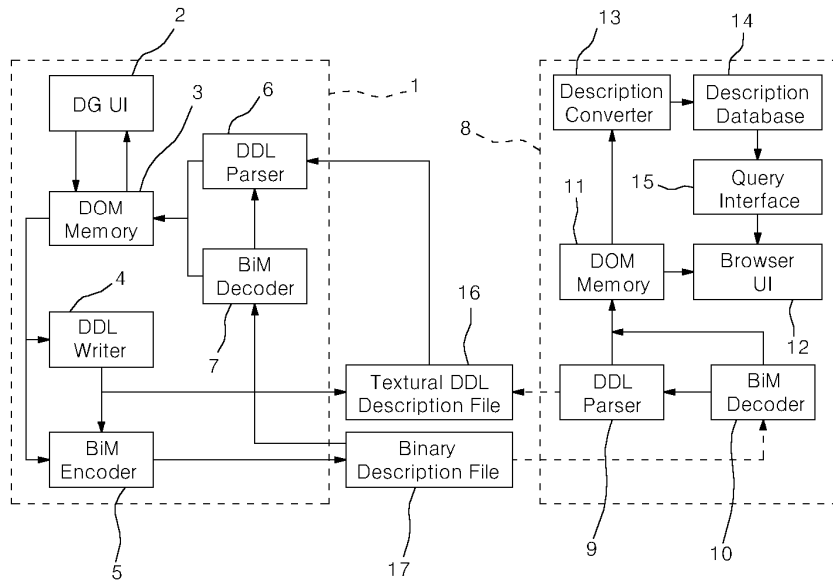
가

가

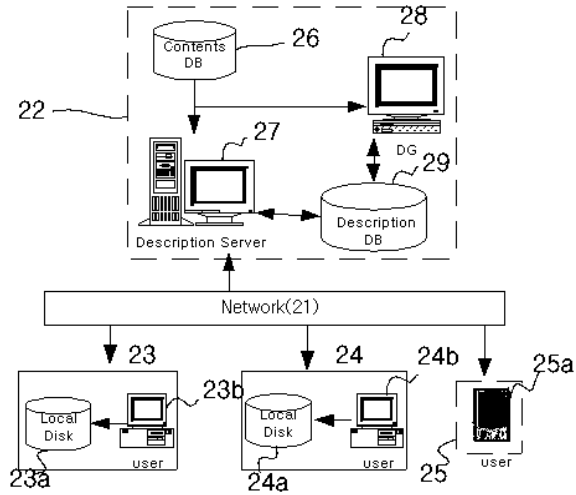
1

DG(Description Generator)- 메타데이터 생성/편집기	Browser
Support multi-level summary	Multi-level summary browsing
Support annotation	Annotation search within a video
Textural DDL description output	Listing existing annotation for the within-a-video search
Binary description output	Annotation-based search with respect to multiple video
Support description Editing	

2



3



4

