



(19)
(12)

(A)^(KR)

(11)
(43)

10-2010-0038712
2010 04 15

(51) Int. Cl.

(71)

G06Q 30/00 (2006.01)

98

(21) 10-2008-0097782

(72)

(22) 2008 10 06

2008 10 06

3

105-502

132

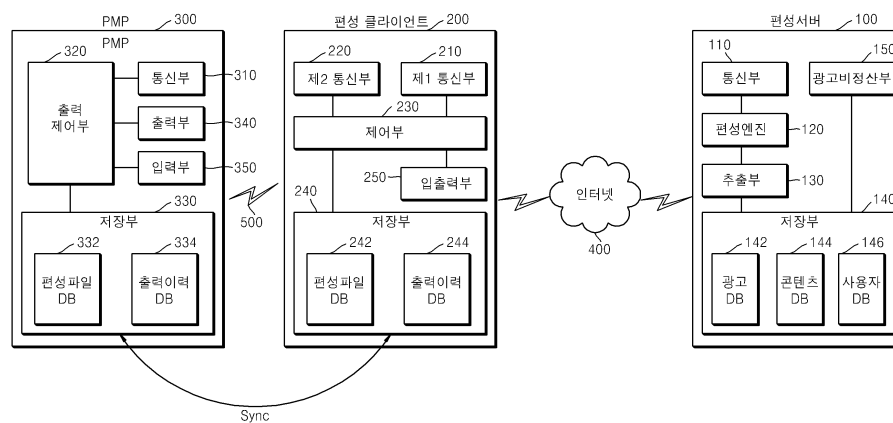
204 404

(74)

: 9

(54)

(57)



10557

()

PMP

2005 12 01 ~ 2010 11 30

1

;

;

,

;

,

,

;

,

,

,

,

.

2

1

,

,

,

,

,

.

3

2

,

.

4

,

,

;

;

,

,

,

,

,

,

.

5

4

,

;

,

1 ;

2 ;

6

5 ,

7

(a) ;

(b)

(c)

(e)

(f)

8

7 ,

(g)

(h)

(i)

9

7 ,

[0001]

[0002]

[0003]

[0004]

[0005]

[0006]

[0007]

[0008]

[0009]

[0010] , (a)
; (b)
; (c)
; (e)
(f)
[0011]
[0012]
[0013] 1
[0014] (100), (200),
(300)
[0015] (100) (DB:database)
(200)
[0016] (200) (200_1~200_n) (400) (100)
(100) (300) (100)
(200) (100)
ip MAC(media access control)
(200)
[0017] (300_1~300_n) , PMP(portable
media player), PDA(personal digital assistant), MP3 ,
(300) USB(Universal Serial Bus) (20
0)
[0018] (200_1~200_n) (300_1~300_n)
[0019] 2 (a) 2 (c)
[0020] 2(a) (100) (10) (20), (30),
(40) (20) (30, 40) (10)
(40) / (100)

- [0021] (10) (100) . (20) (21), 1 (22), 2 (23) .
- [0022] (21) (10) (30) (100) (40) , (10) (30) (40) () , .
- [0023] 1 (22) (10) (100) (200) (300) (200) (300) , 1 (22) . , 1 .
- [0024] 2 (23) (10) (30) (10) (40) 2 .
- [0025] 2(b) 2(c) . 2(b) 2(c) (10) 2(b) 2(c) , (21) 1 (22) .
- [0026] 2(b) , (10) (20) 1 n . 2(b) , 2 (22) 1 n .
- [0027] 2(c) , (10) (20) n n . 2(c) (10) (30_1~3_n) (40_1~40_n) , 2 (23) .
- [0028] 2 (23) 2(a) 2(c) (100) , 2 (23) n .
- [0029] , (20) (30_1~30_n) (40_1~40_n) (10) , (20) (10) .
- [0030] (10) (20) (30_1~30_n) (40_1~40_n) , (20) 1 (22) (10) (10) .
- [0031] , (10) (10) (20) , (10) .
- [0032] 3 (100), (200), (300) .
- [0033] (100) (110), (130), (120), (140) , (150) .
- [0034] (140) (144) (142) , (146) .
- [0035] (144) , (142)

- (200)
- (144)
- (142) (144)
- [0036] (146) (200) (300) (200)
- [0037] (110) (200) (200)
- [0038]
- [0039] (130) (200) (142) (144)
- (130)
- [0040] (130) (146)
- [0041] (120) (10) (20), (30) (40) (110) (200)
- [0042] (150) (10)
- [0043] (200) 1 (210), 2 (220), (230), (240) (250)
- [0044] (250) (100) (10)
- [0045] 1 (210) (100) (100) (10) (240) (242)
- [0046] 2 (220) (300) (300) (10) (300) (244) , 1 (210) (100) 2 (220) (300) USB (Infrared Ray) , RF(Radio Frequency) , (BlueTooth), (Wireless LAN), (Wi-Fi), (Zigbee)
- [0047] (230) (200) (240) (300)
- [0048] (300) (310), (320), (340), (330)

(350) .

[0049] (310) (200) (10) .

[0050] (330) (332) (334) .
(332) , (334)

[0051] (340) (330) ,
(334) , (310) .

[0052] (350) (340) .

[0053] (320) , (320)

[0054] (300) (200) (332, 242) / (300)
(200) (334, 244) (Sync:synchronizatio
n)

[0055] 4 .

[0056] (200)
(S10) . (100) ,

[0057] (200) (100) (S20),
(S30) .

[0058] , (200) (S40) (100)
(S50) .

[0059] (100)
, (S60) .

[0060] (100) , , (S70) .
(10) ,
(100) (S80),
(S90) .

[0061] (200) (S100), (300)
(S110) .

[0062] (300) (S120),
(S130) .

[0063] (300)
(S140), (200) (S150) .

[0064] (200) (S160), (100)
(S170) .

[0065] (100) (S180),
(S190) .

[0066] .
ROM, RAM, CD-ROM, ,

[0067]

[0068]

[0069]

[0070]

[0071]

1

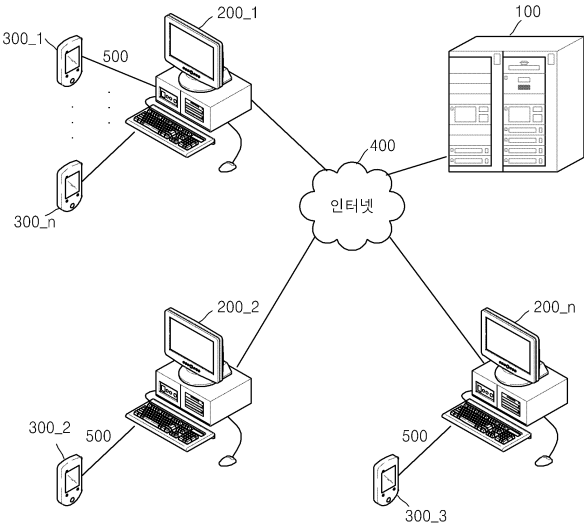
2(a)

2(c)

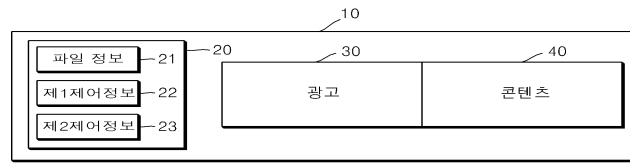
3

4

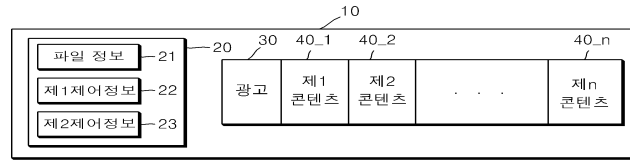
1



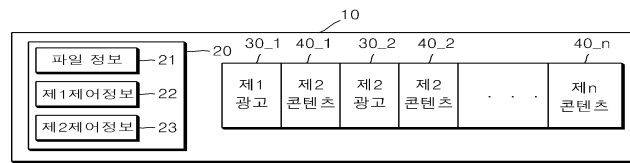
2



(a)

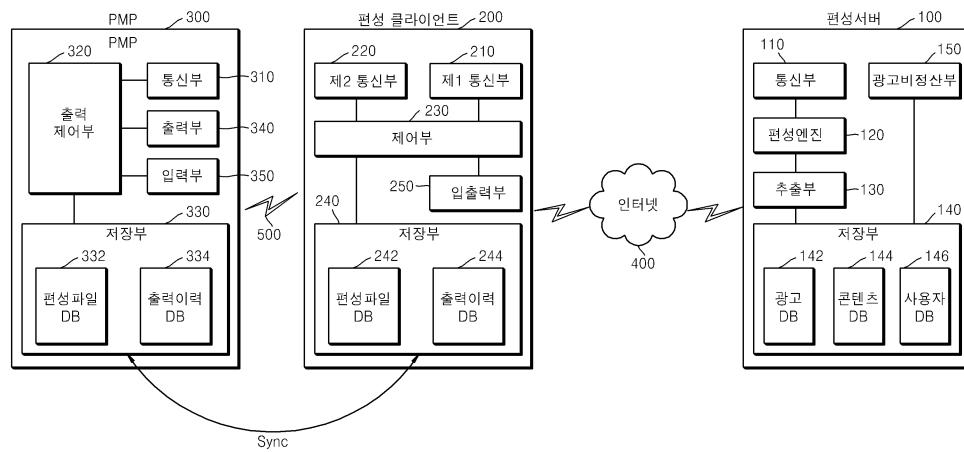


(b)



(c)

3



4

