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(12)

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(51) 。 Int. Cl. ⁷
H04L 9/32

(11)
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2002 - 0043328
2002 06 10

(21) 10 - 2000 - 0072653
(22) 2000 12 02

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1008

(74)

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(54)

ID

가 가 가

가

가

3

1 .

2 .

3 .

4 .

< >

10 : (bluetooth) , 11 : ,

12 : , 21 : (pentype),

23 : , 22, 24 : .

,

.

가

가

가
IC(Integrated Circuit)가

ID (Identification)

ID

가 가

가

, PC, (Bluetooth) 가

.

,

가

, , , , IBM 5 가 1998

SIG(Special Interest Group)

, 3Com

SIG(Special Interest Group) 가 , 1790 (2000.4.20)

op transceiver) 1Mbps (Radio) 2.4GHz ISM(Industrial Scientific Medical) (h
(binary) FM

(low - level) (Baseband) , LMP(Link Manager Protocol)
, L2CAP(Logical link Control and Adaptation Protocol)
(QoS, Quality of services) RFCOMM L2CAP

(Ericsson), (Toshiba), (Nokia), IBM (Intel) , 가
(10m)
(Ad hoc network) , , 3 in 1 Phone,
(Ultimate Handset), (Conference Table)

, PDA, PC, , ,

Ad hoc network (Piconet) TCP/IP
HID(Host Interface Device), OBEX(Object Exchange Protocol)
Radio ,
(hopping)

ward Error Correction) Radio , FEC(For

TDD(Time Division Duplex) 가 (Full - duplex)
TDD (slot) ,

TDD , 3
, 64 kb/s , 57.6 kb/s
432.6 kb/s , 721 kb/s

가 (2) ID (3) (2) ID (3)
(1) , (1) (2) ID
(3)

가 , 2 (S1)(S2) , ID (1) (3)가 (2) ID (3)가 (2) 가 (3)가 (2) 가 (S3)(S4) , (S5) , (S6) .

ID (3) (1) (2)가 (Reader) (Checker) (Sensor) 가 가 가 가 .

가 가 가 ID ,

가 , ,

, , , .

, 1 가 , 가 1

, 가 2 .

, 3 .

가 (pentype)(21), (badge) (23) (22)(24) (21), (23) (22)(24)

, (22)(24) (21), (23) (21), (23) (10)

가 .

(10) , (21), (23) 가 (11) , (11)
(21), (23) (12)

1 (S11)(S12) , 1 (21), (23) 가 (10)
, (10) 가
가 2 (S13) .

(21), (23) , 2 (12) (10)
3 (S14) , 3 (10) (11) (12)
가 4 (S15) , (11) (12)
5 (S16)(S17) .

(11) (21), (23)
(Bluetooth Baseband & RF Chip)
(11) (21), (23) 10m .
(11) (21), (23) (11)
가 .
, (12) 가 (11)
, 가
가 , 가
가 .
(21), (23)
(10) ID가 .
(12) ID 가

가 , ,

가 .

(57)

1.

, , , , .

2.

1 , , , .

3.

1 , 가 , , .

4.

가 1 ,

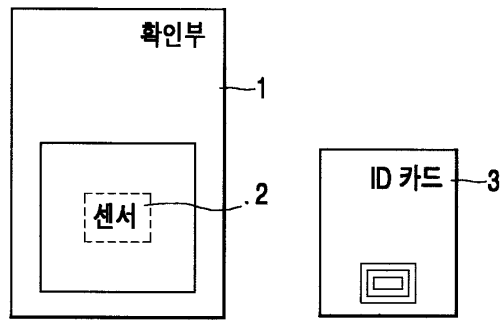
1 가 ,

가 2

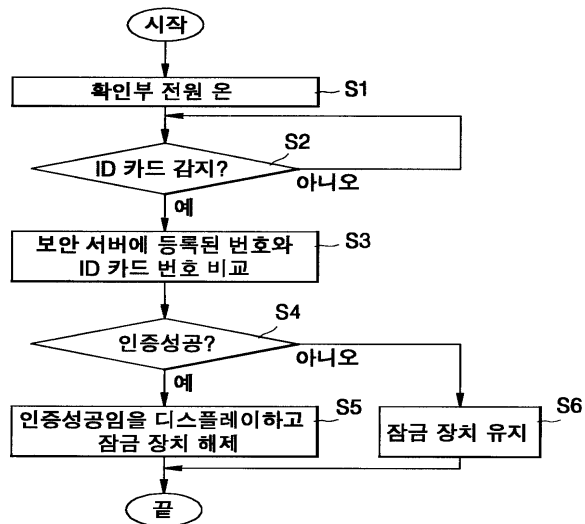
5.

4 , , .

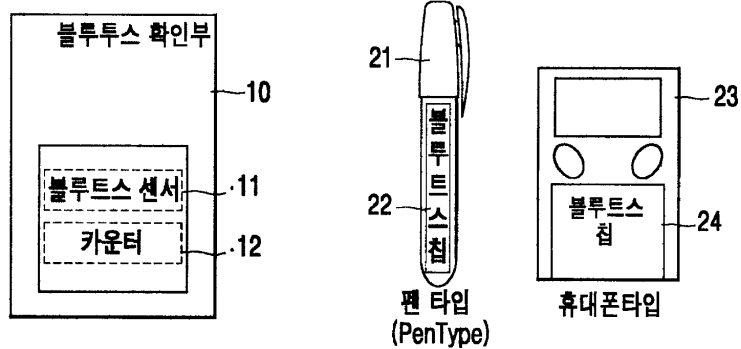
1



2



3



4

