

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl.7
B22F 1/00

(45)
(11)
(24)

2004 04 30
10-0427505
2004 04 06

(21) 10-2001-0057698
(22) 2001 09 18

(65)
(43)

10-2003-0024468
2003 03 26

(73) ()
515-1 3

(72) 849 108 902

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1 / 2 .
2 / 2 .
3 / 2 .
4 / 2 .

5 / 2
 6 / 2
 7 / 2 ,

가 2 , , / 2
 (Portable) , , 가 , /
 가 (, ,
) (KIST : Korea
 Institute of Science and Techology) " (Paste-type) "
 5,682,592 (Metal Hydryde),
 5,682,592 (Binder), (Conductor)
 (Nickel Screen) / 2 ,
 가 , 1 , 500 80% /
 , , (,)
 가 (,)
 100% 가 2 , 1 / 2 , 5

/ 2

/ 2
 A) ; B) ;
 D) ; C) ;
 E) ;
 3 7 / 2
 3 / 2 3 ,
 (Plate-shaped) (, " (Felt)") (AgNO₃)
 (Polypropylene) (Ag) (S310). ,
 가 μm 가 μm 가

가 (S320),
 가 가
 (S330).
 $Mn_{0.4} Al_{0.3}$ (Mm: Misch metal, μm 가 AB₅ (, MmNi_{3.55} Co_{0.75} Ti
 $_{1-x} Zr_x V_{0.5} Ni_{1.1} Fe_{0.2} Mn_{0.2}$) , MmNi_{4.3} Mn_{0.4} Al_{0.3}) AB₂ (, Ti
 (Ni) (Cu)
 roethylene 503H), HPMC(Hydroxypropyl methyl cellulose), CMC(Carboxymethyl cellulose, sodium salt)
 (Conductor),
 PTFE(Polytetrafluoroethylene)
 (S340). (S

340)
 가
 가 1 , 80 - 130 2
 (S350).
 가 (S360), / 2 가
 가 / 2
 4 / (12) (+) (10a) (-) (10b)
 (10) (14) (10b) (16)가 (10a) (14)
 (12) (14)
 1,000 / 2 5
 80% 80% (1), 2 500 1,000
 80% (5).
 5 100% 가 6 , 1 100%
 0.8V(Voltage) 가 (2),
 2 95% (6).

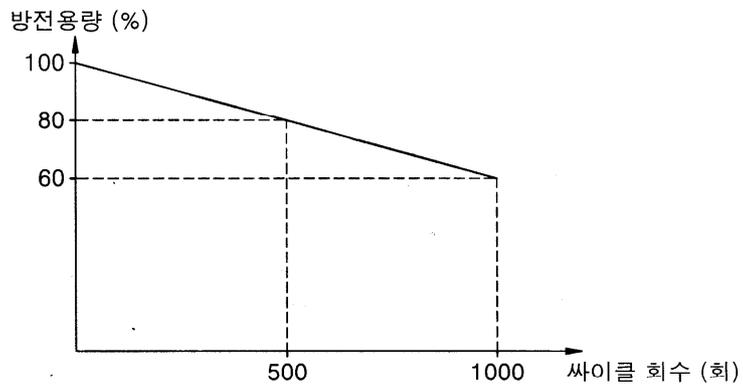
(PdCl₂) (SnCl₂)
 (S710), (S720),
 (S730), (,) 2
 00 - 500 (S740), (,) (S750),
 μm / 2

가 가 가
 / 2
 2 가 가 2

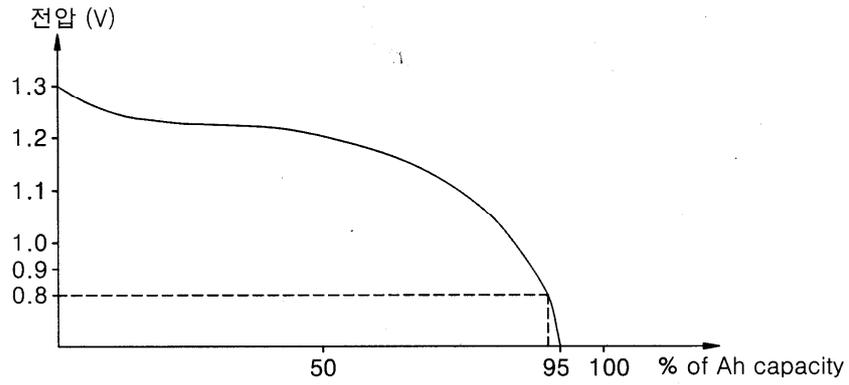
(57)

1. / 2 A) ;
 B) ;
 C) ;
 D) ;
 E) ;
 가 F)
2. 1 B) / 2
3. 2 / 2
4. 1 C) ;
 / 2
5. 1 C) ;
 / 2
6. 1 C) 가 /
7. 2

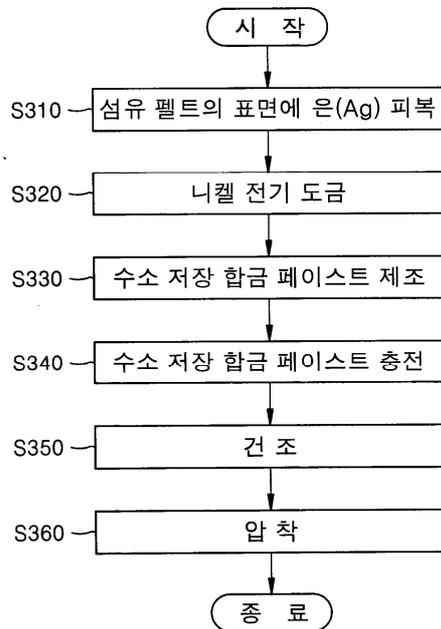
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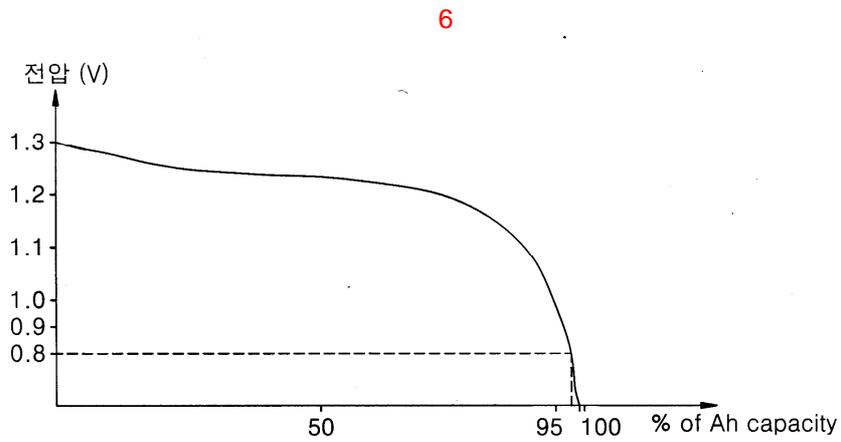
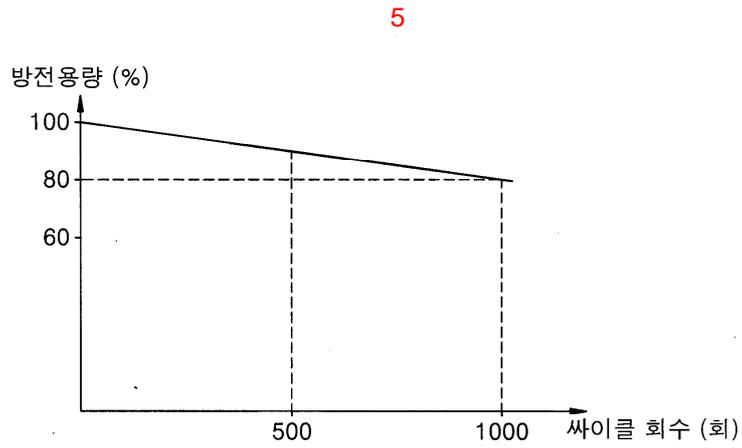
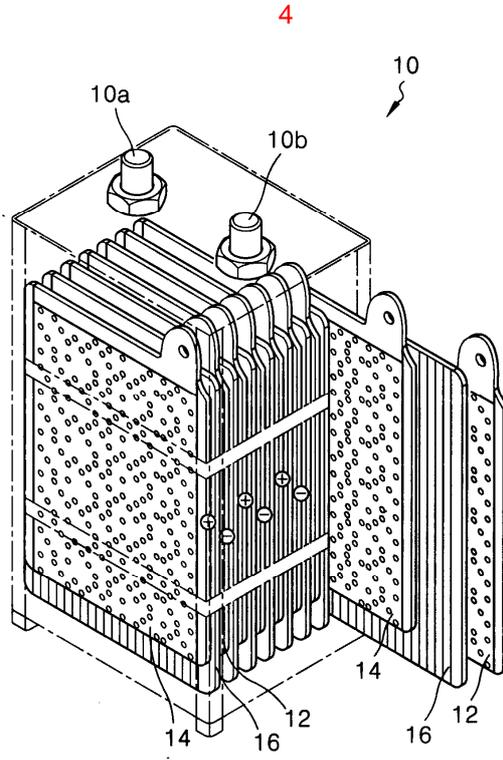


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