

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷ H01M 8/04	(11) (43)	10-2004-0000725 2004 01 07
(21)	10-2002-0035649	
(22)	2002 06 25	
(71)	231	
(72)	102 1014	
(74)		
(54)		

가

(Layout)

2

1

2

3

1

(100)

(100)

(100) (AC) 220V 240V (DC) 200~400V

(100)(amp;)

200~400V (120)

12V - (130)(DC-DC Converter) (100)

200V

(Input Voltage) (200~400V (100) .)

(110) 200~400V (120) (100)

- (130) 가 (100)

(Layout) , 가

(Layout) 가

2 (200)

(210), (220), (200) (230)

(210) (200)

(220) (240) (12V) (2

00)

(230) (Start-up) (210)

(220)

(230) (210)

(230) (220)

(240) (12V) (200~400V) (210)

DC-DC Converter) (220) - (

(200)

(220) (Blower)

(200) 3 가 ,

(200) 가 .

(200) 12V (220) (200)

(200) 가 .

- (DC-DC Converter) 가 .

12V (220)

(200)

(210)

(Power) (210)가 가

- (DC-DC Converter) (210)

(200) 3 ,

가 .

(210) (210) .)

(210)

(200) 가

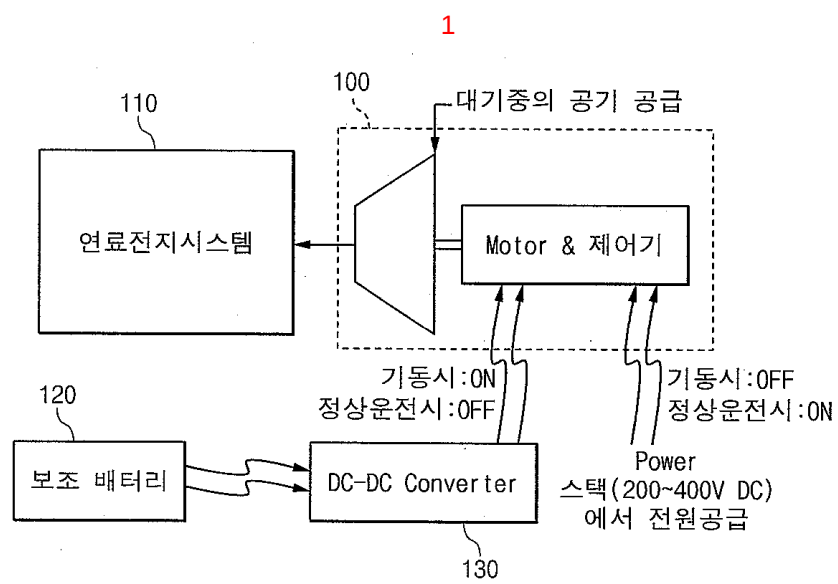
- (DC-DC Converter ; 12V ~ 200V)가 .

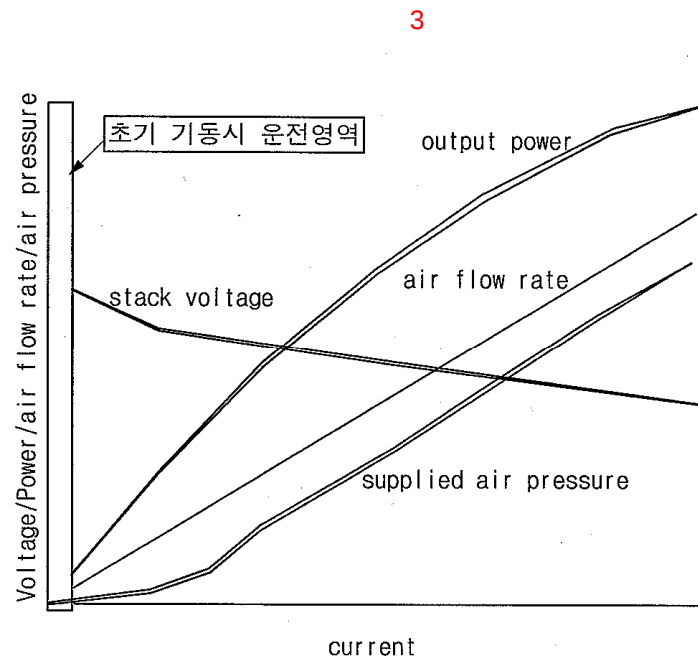
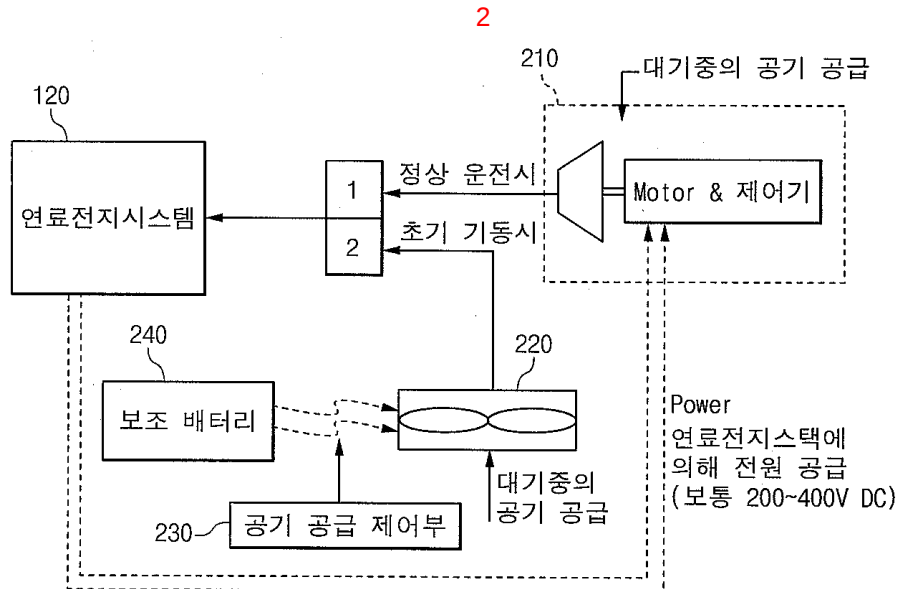
(57)

1.

2.

3.





- 연료전지시스템 출력 = 스택 voltage * 스택 current
- 소모 공기량(산소량) $\propto$ 스택 current
- 소모 공기량(산소량) $\propto$ 스택입구 압력