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(12)

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2003 09 13

(73) 20

(72) 82-14 101 2001

(74)  
:

(54)

가

가

V/f PWM

가  
가

3

- 1
- 2 1
- 3
- 4 3
- 5
- 6 5 T4~T5
- 7 5 T5~T6

가  
가  
\*\*

10 : V/f PWM      12 :  
 Tr1 :            DB R :  
 MC :

( 가 ( , 220V 440V ), ' )  
 1 가 (2) ; (2) (1) (R) ;  
 가 (R) (MC) ; (MC)  
 (L) (C) ; , IGBT(Insulated Gate Bipolar  
 Transister), GTO(Gate - turn - off - Thiristor) (C)  
 가 , 가 (6) ; (6)  
 (7) ; (7) U, V, W (8) ; (8)  
 (8) (V \* ) (f \* ) 가 PWM(Pulse Width Modulation) (9) ; (9)  
 DB 가 V/f PWM (10) ; (12)  
 (DB R)  
 (R), (L) 가 (1) (R) (2), (MC),  
 (C)  
 (R) (1) (C) 가 가  
 (2) (R) (C) (VDC)  
 RC (R)  
 (MC) 2 1 (R) ; 가 ,  
 (MC) ; (L) (C)  
 (11)가 (L) (C) (1) (2) ( )  
 R) RC 가 (MC) (2)  
 (L) (C)  
 , DB , , 가 가 가 가 가  
 , 가



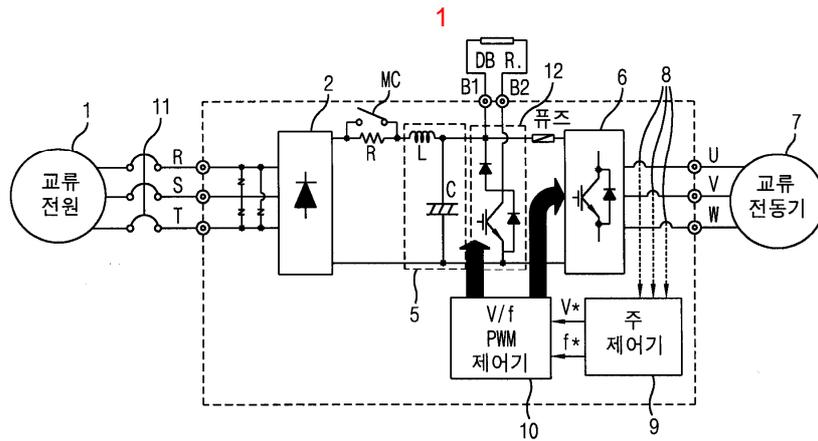
V/f PWM

2.

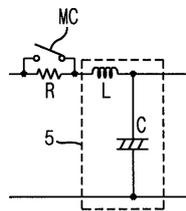
V/f PWM

3.

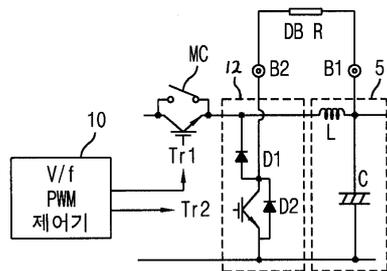
V/f PWM



2



3



4

