



broadcast) (wireless data  
 , , 가  
 , (caching)  
 (IR : Invalidation Report)  
 ( , )  
 , (IR) (w)  
 (history)  
 1 (IR) ,  
 (PULL) ( , (PUSH) ) 1  
 1 . 2  
 (IR) (T<sub>i</sub>) (w(>1)) (History) 가  
 , (T<sub>i</sub>) (S101).  
 , (IR) (T<sub>i</sub>) (j,t<sub>j</sub>) 가 , j  
 , t<sub>j</sub> 가 (T<sub>i-w</sub> t<sub>j</sub> T<sub>i</sub>) .  
 , (Drop) (S104), (S102),  
 (S105), (w) (IR) (S102), (IR)  
 , 1 , (S103). (w)

s data broadcast) (wireles  
 , ,  
 , 1 ; (L) (IBP) (IBP) 가  
 , (Invalidate) 2 ; 3 ;  
 , 4  
 , 가  
 , (History)  
 , (ID)  
 , 가  
 , 가

3 (IBP : Invalidation Bit Pattern) (L)

4 (L) (IBP) (S201), (IBP) (S202), (S205). (Auto Prefetch) (S203), (Invalidate) (S204).

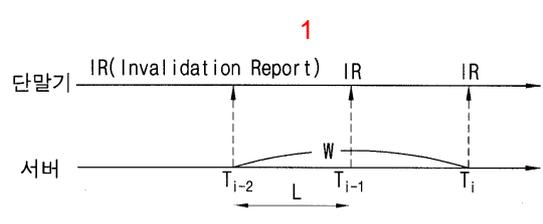
'1' (IR) 가 (IBP) 가 (IR)

가 가 가 가

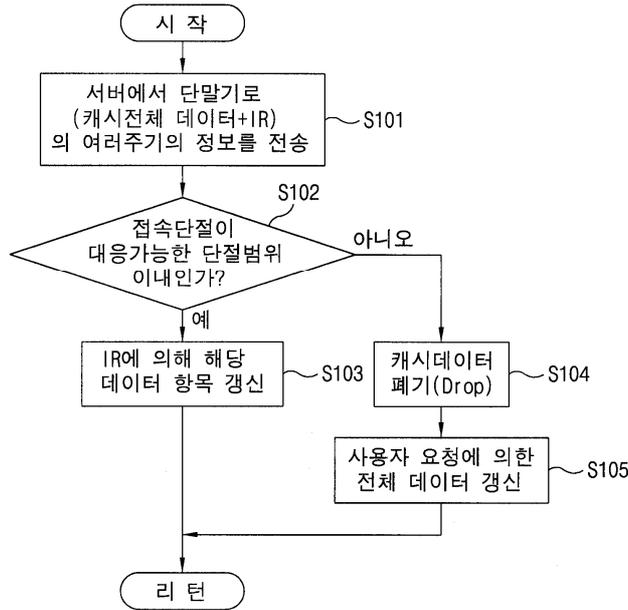
s data broadcast) (wireles

가

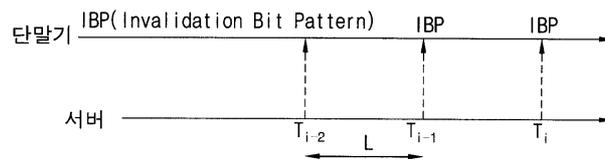
- (57)
1. (L) (IBP) 가 (Invalidate) 4
  2. 1 (1 0)



2



3



4

