



가

2000

가

1998 5 ITS

ITS

ITS Korea

가

ITS

ITS

가

3

(ETCS)

( ) 가

VICS(Vehicle Information & Communication System)

ITS

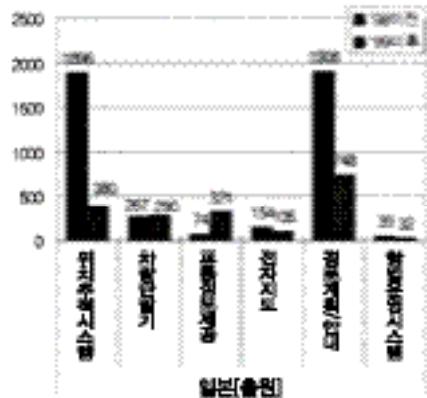
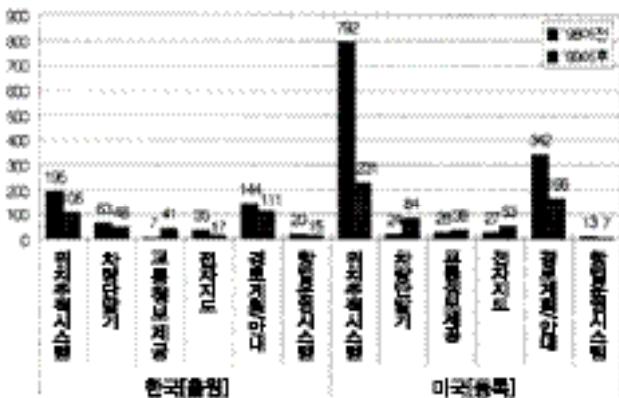
ETCS

가

ITS america

, 2003

TEA-21(Transportation Equity Act for the 21st Century) 6



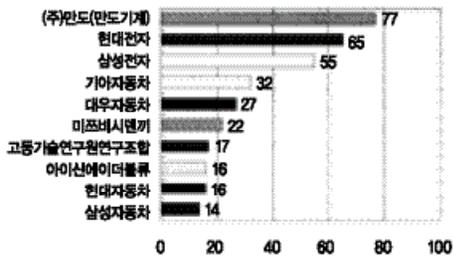
( 2 )

가  
가  
가  
가

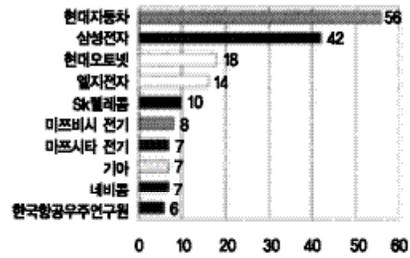
가  
1999

가  
가

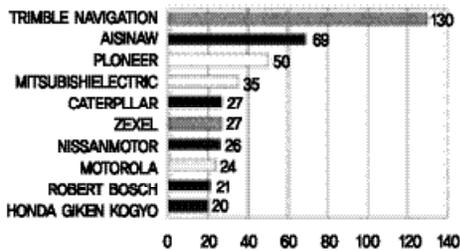
'98 이전 한국[출원]



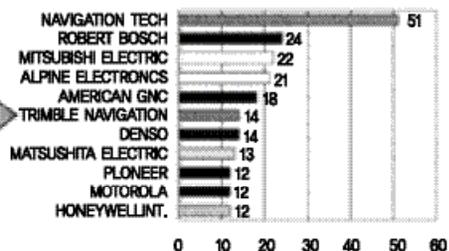
'99 이후 한국[출원]



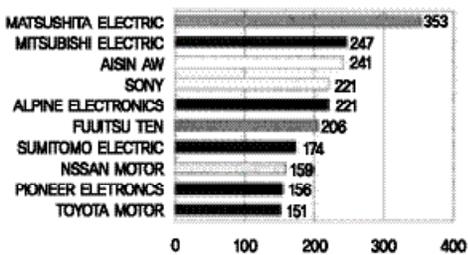
'98 이전 미국[출원]



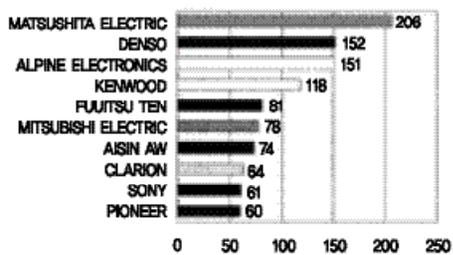
'99 이후 미국[출원]



'98 이전 일본[출원]



'99 이후 일본[출원]



( 3 ) 1999 가

가  
 . IMF  
 , 1998  
 1999 가 .  
 ( ) 1998  
 가 1997  
 가  
 1999 100  
 . 1998 1999  
 .  
 (Denso)가  
 . (Denso)  
 가  
 .  
 (Intelligent Transport  
 Systems : ITS)

가  
 . .  
 .  
 , (GPS)  
 (GIS)  
 (LBS),  
 ,  
 가  
 . 1)  
 2) , , 3)  
 ,  
 , 가  
 ,  
 가  
 ,  
 가  
 .