

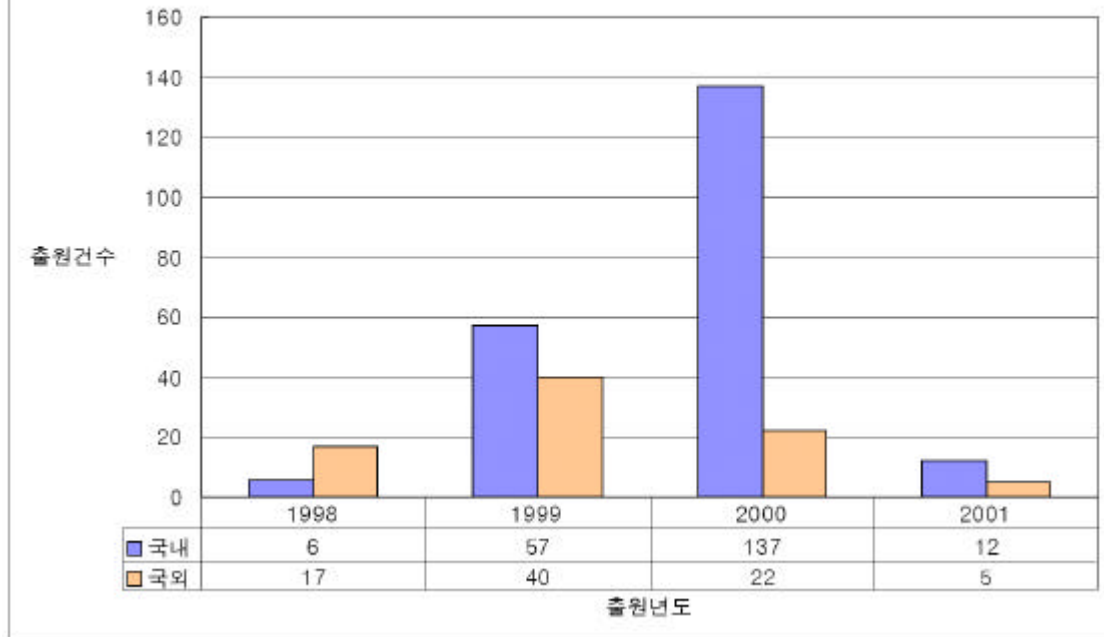
I.

, , , 가 (Patent Map) 가 가

1998 가 . 2001 2 DB 296 212 , 84 2000

가 가 가

년도별 국내외 출원건수



36 , 가 22 , 10

10

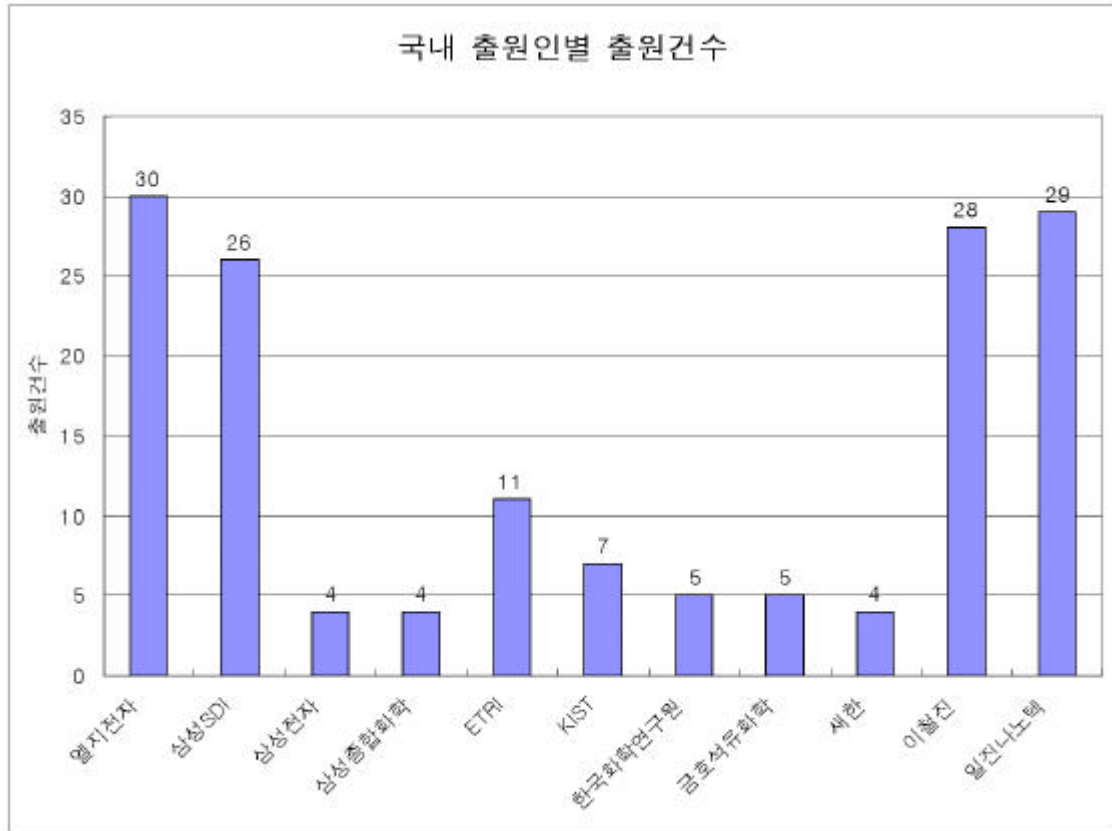


가
57 , LG

SDI가
가 90%
, KIST

(CVD) (CNT)
SWNT

FED



II.

, , ,

가

,
가

,
가

,
2.5

가

가

가

5

III.

1. (www.freechal.com/nano)
2. (www.etimesi.com) :
3. (www.kisti.re.kr)
4. (www.iljinnanotech.co.kr)
5. (www.nanotech.re.kr)
6. KIST (nextnano.kist.re.kr)
7. 2001 3
8. 10 ,
9. 11 , MEMS
10. , Nanoscale Science, Engineering and Technology Research Directions , <http://ostin.oasis.or.kr>
11. , : 10 , <http://ostin.oasis.or.kr>
12. , : , <http://ostin.oasis.or.kr>
13. National Nanotechnology Initiative, NSF()
14. T. W. Ebbesen, "Carbon nanotubes : preparation and properties", CRC Press, Boca Raton, p. 139 (1997)
15. S. Iijima, Nature, 354, 56 (1991)

*

2001 9