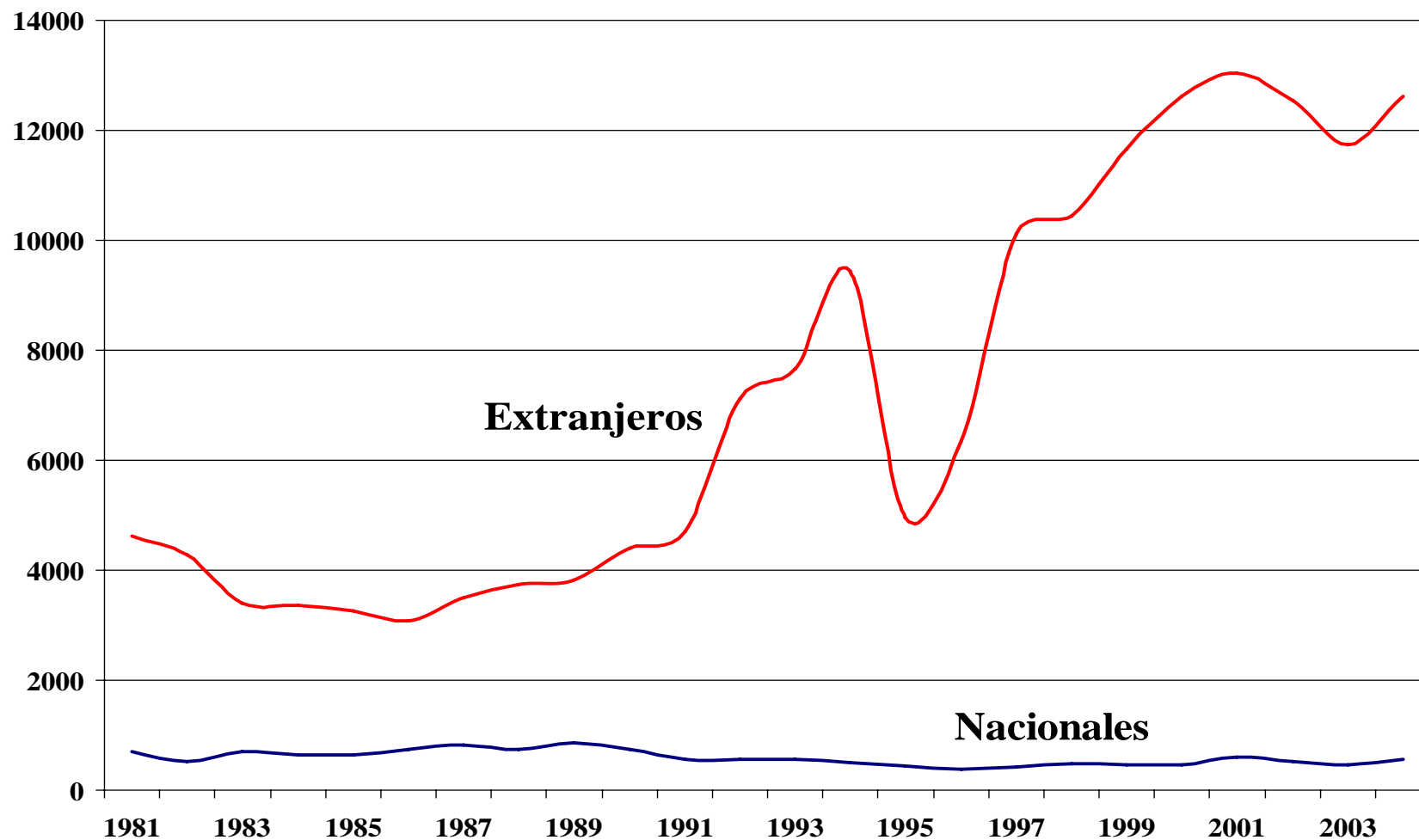


Solicitud de patentes de nacionales y extranjeros en México 1975-2004



Fuente: Elaboración propia en base a WIPO e IMPI (2005)

Patentes de Residentes en México por Agente (2004)

Institución	Porcentaje
1. Instituto de Investigacion	5.7
2. Empresa Grande	30.0
3. Empresa Pequeña	0.4
4. Inventor Independiente	63.9
Total: (565 Patentes)	100.0

Fuente: Eldipat_2005__1 UNAM

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Longitudinal patent analysis for nanoscale science and engineering: Country, institution and technology field

Zan Huang¹, Hsinchun Chen¹, Alan Yip¹, Gavin Ng¹, Fei Guo¹, Zhi-Kai Chen¹
and Mihail C. Roco²

*Artificial Intelligence Lab, Department of Management Information Systems, Eller
College of Business and
Public Administration, The University of Arizona, Tucson, AZ 85721, USA (E-mail:
zhuang@eller.arizona.edu);*

*2National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230, USA (E-
mail: mroco@nsf.gov)*

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Key words: patent analysis, nanotechnology, nanoscience, knowledge discovery,
information visualization, self-organizing map, citation networks.

Table 1. Nanoscale science and engineering keyword list

Terms	Number of documents
Selfassembl....	18
Self assembl....	5613
Atomic force microscop..	2941
Atomic-force-microscop...	4
Scanning tunneling microscop....	1674
Scanning-tunneling-microscop....	25
Atomistic simulation	5
Biomotor	4
Molecular device	104
Molecular electronics	199
Molecular modeling	1336
Molecular motor	59
Molecular sensor	17
Molecular simulation	33
Quantum computing	25
Quantum dot....	352
Quantum effect....	467
Nano...	76277
Total	89.153
Actual collected	88.546
Collection coverage	99.32%

Note: A patent document may contain multiple key phrases listed in the table, thus the total number of unique patent documents was smaller than the total number of collected patent documents presented in the table.

***Serves as a wildcard, e.g. 'nano' refers to words that start with 'nano'.**

Fuente: Journal of Nanoparticle Research

Table 2. Assignee country analysis (1976–2002)

Rank	Assignee country	Number of patents
1	United States	56.828
2	Japan	7574
3	France	2087
4	United Kingdom	871
5	Switzerland	419
6	China (Taiwan)	382
7	Italy	377
8	Republic of Korea	368
9	the Netherlands	308
10	Australia	307
11	Sweden	264
12	Belgium	193
13	Finland	125
14	Denmark	104

Fuente: Journal of Nanoparticle Research

Table 3. Number of patents of assignee countries by year

Year	United States	Japan	France	United Kingdom	Switzerland	China (Taiwan)	Italy	Republic of Korea	Netherlands	Australia
1976	538	40	21	0	7	0	6	0	2	1
1977	670	21	19	0	6	0	6	0	0	5
1978	670	36	34	5	8	0	1	0	4	8
1979	516	27	20	3	9	0	4	0	2	2
1980	718	39	24	15	6	0	5	0	1	2
1981	806	53	20	13	8	0	12	0	4	5
1982	724	43	29	17	3	0	5	0	2	2
1983	874	57	41	10	7	0	7	0	2	5
1984	975	65	25	21	12	0	5	0	4	2
1985	1005	64	56	16	2	0	7	0	4	4
1986	1104	93	44	14	9	0	8	0	1	6
1987	1376	112	51	24	5	0	14	0	4	4
1988	1263	129	52	22	10	0	8	0	1	8
1989	1647	172	59	30	13	0	13	0	5	6
1990	1666	179	65	33	11	2	12	1	5	5
1991	1824	214	60	45	12	4	9	4	4	3
1992	2072	280	68	24	16	6	10	2	5	13
1993	2289	312	67	38	10	5	18	3	6	11
1994	2049	373	73	29	9	2	12	7	4	16
1996	2519	423	75	40	11	17	15	14	5	13
1997	3623	513	146	56	15	16	26	18	8	19
1998	4731	643	164	82	27	36	28	51	12	25
1999	4883	694	182	84	37	60	28	56	18	22
2000	5181	820	182	68	45	65	33	43	21	28
2001	6254	923	256	74	63	80	38	76	114	25
2002	6425	1050	245	100	55	86	44	87	66	61

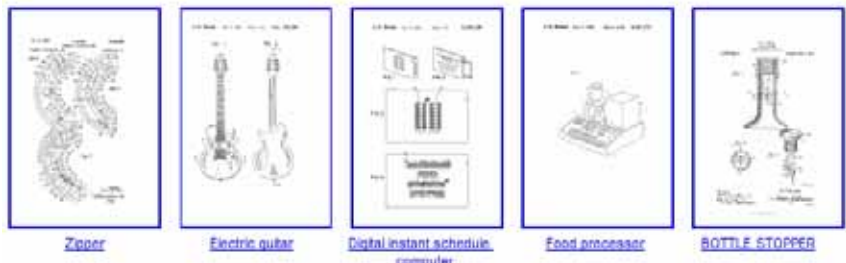
Fuente: Journal of Nanoparticle Research

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Data processing, financial, business practice, management, or software determination	26,209	Baths, closets, sinks, and saitoons	21,767
Education and demonstration	17,688	Beds	27,572
Electronic funds transfer	2,501	Brush, broom, and mop making	430
Finance		Cups	
Chemistry	1,789,782	Industrial 1,599,722	
Catalyst, solid sorbent, or support therefor; product or process of making	74,365	Adjoining material of indeterminate length	8,354
Chemistry of carbon compounds	1,778	Aspirating	23,403
Chemistry of hydrocarbon compounds	34,065	Beating	22,853
Misc		Misc	
Clothing, Fashion & Accessories	261,823	Information Technology 1,198,227	
		Codes, data generation or conversion	28,299
		Computer search, processing, operation	79,337