

U.S. PATENT DOCUMENTS

3,721,621	A	3/1973	Hough	210/22
3,870,033	A	3/1975	Faylor et al.	126/360 R
3,953,580	A	4/1976	Allen et al.	423/283
3,964,999	A	6/1976	Chisdes	210/23 R
3,985,648	A	10/1976	Casolo	210/27
4,182,676	A	1/1980	Casolo	210/27
4,235,715	A	* 11/1980	Weiegert	210/670
4,321,145	A	3/1982	Carlson	210/678
4,430,226	A	2/1984	Hegde et al.	210/638
4,434,057	A	* 2/1984	Marquardt	
4,532,045	A	7/1985	Littmann	210/668
4,532,047	A	7/1985	Dubin	210/698
4,548,716	A	10/1985	Boeve	210/652
4,574,049	A	* 3/1986	Pittner	210/639
4,698,153	A	10/1987	Matsuzaki et al.	210/192
4,755,298	A	7/1988	Grinstead	210/638
4,820,421	A	4/1989	Auerswald	210/670
4,824,574	A	4/1989	Cadotte et al.	210/654
4,900,450	A	2/1990	Schmidt	210/679
4,917,806	A	4/1990	Matsunaga et al.	210/662
4,969,520	A	11/1990	Jan et al.	166/266
4,995,983	A	2/1991	Eadie et al.	210/639
5,028,336	A	7/1991	Bartels et al.	210/639
5,061,374	A	10/1991	Lewis	210/638
5,073,268	A	* 12/1991	Saito et al.	210/638
5,174,901	A	12/1992	Smith	210/652
5,236,722	A	8/1993	Schroeder	426/67
5,246,586	A	9/1993	Ban et al.	210/638
5,246,589	A	* 9/1993	Ban et al.	
5,250,185	A	10/1993	Tao et al.	210/654
5,266,203	A	* 11/1993	Mukhopadhyay et al.	210/638
5,292,439	A	3/1994	Morita et al.	210/638
5,338,456	A	8/1994	Stivers	210/652
5,352,345	A	* 10/1994	Byszewski et al.	
5,358,640	A	10/1994	Zeihner et al.	210/639
5,385,664	A	1/1995	Oinuma et al.	210/151
5,476,591	A	12/1995	Green	210/638
5,529,689	A	6/1996	Korin	210/232
5,571,419	A	11/1996	Obata et al.	210/664
5,573,662	A	11/1996	Abe	210/188
5,573,666	A	11/1996	Korin	210/232
5,645,727	A	7/1997	Bhave et al.	210/651
5,670,053	A	* 9/1997	Collentro et al.	210/651
5,695,643	A	12/1997	Brandt et al.	210/652
5,766,479	A	* 6/1998	Collentro et al.	210/639
5,814,224	A	* 9/1998	Klamizov et al.	
5,925,255	A	* 7/1999	Mukhopadhyay	210/652
6,267,891	B1	7/2001	Tonelli et al.	

FOREIGN PATENT DOCUMENTS

DE	2607737	A2	9/1976
DE	19603494	C2	2/1998
JP	50-75987	A2	6/1975
JP	55-012284	B1	4/1980
JP	59-112890	A2	6/1984
JP	62-204892	A2	9/1987
JP	62-294484	A2	12/1987
JP	2-207888	*	8/1990
JP	02-227185	A2	9/1990
JP	05-012040	B2	2/1993
JP	05-269463	A2	10/1993
JP	06-049191	B2	6/1994
JP	08-029315	B2	3/1996

OTHER PUBLICATIONS

DE-1792304-B (Aug. 1975)—Derwent Abstract to issued patent.

DE-2607737-A1 (Sep. 1976)—Derwent Abstract to unexamined patent application.

JP-53-004777-A2 (Jan. 1978)—KOKAI Abstract (Patolis).

JP-54-069579-A2—(Jun. 1979)—KOKAI Abstract (Patolis).

JP-54-083688-A2 (Jul. 1979)—KOKAI Abstract (Patolis).

JP-56-139106-A2 (Oct. 1981)—KOKAI Abstract (Patolis).

JP-58-118538-A2 (Jul. 1983)—Dialog Abstract of KOKAI.

JP-58-122084-A2 (Jul. 1983)—KOKAI Abstract (Patolis).

JP-59-112890-A2 (Jun. 1984)—Patent Abstracts of Japan, vol. 008, No. 232 (C-248) Oct. 25, 1984.

JP-59-112890-A2 (Jun. 1984)—Abstract—Figures—Tables, Derwent Publications Ltd., London, GB, AN 1984-19809, XP002147898.

JP-59-112890-A2 (Jun. 1984)—Chemical Abstracts, vol. 101, No. 22, Nov. 26, 1984, Columbus, Ohio, US, Abstract No. 19754, XP002147895.

JP-62-110795-A2 (Jun. 1987)—Patent Abstracts of Japan, Published: May 21, 1987.

JP-62-110795-A2 (May 1987)—Delphion Abstract; Publication Date: May 21, 1987.

JP-62-294484-A2 (Dec. 1987)—Patent Abstracts of Japan, vol. 012, No. 19, (C-501) Jun. 3, 1988.

JP-62-294484-A2 (Dec. 1987)—Patent Abstracts of Japan (Application No. 61138486).

JP-62-294484-A2 (Dec. 1987)—Delphion Abstract; Publication Date: Dec. 21, 1987.

JP-62-294484-A2 (Dec. 1987)—Abstract—Tables, Derwent Publications Ltd., London GB, AN 1988-033867, XP002147896.

JP-62-294484-A2 (Dec. 1987)—Chemical Abstracts, vol. 108, No. 20, May 16, 1988, Columbus, Ohio, U.S., Abstract No. 173328, XP002147894.

JP-63-028486-A2 (Feb. 1988)—Application No. 6117235—Patent Abstracts of Japan, Published: Feb. 6, 1988.

JP-63-028486-A2 (Feb. 1988)—Delphion Abstract Publication Date: Feb. 6, 1988.

JP-02-052088-A2 (Feb. 1990)—Patent Abstracts of Japan; Publication Date: Feb. 21, 1990.

JP-02-052088-A2 (Feb. 1990)—Patent Abstracts of Japan.

JP-02-052088-A2 (Feb. 1990)—Patent Abstracts of Japan; Delphion Abstract, Publication Date: Feb. 21, 1990.

JP-02-227185-A2 (Sep. 1990)—Patent Abstracts of Japan; Publication Date: Sep. 10, 1990.

JP-02-227185-A2 (Sep. 1990)—DialogIP Document Abstract.

JP-02-227185-A2 (Sep. 1990)—Delphion Abstract; Publication Date: Sep. 10, 1990.

JP-02-227185-A2 (Sep. 1990)—Issued Sep. 10, 1990—Derwent Abstract.

JP-04-118004-A2 (Apr. 1992)—Patent Abstract of Japan, Apr. 20, 1992, Application No. 02235899.

JP-05-012040-B2 (Feb. 1993)—Issued: Feb. 17, 1993 (INPADOC Abstract Record).

JP-05-269463-A2 (Oct. 1993)—Patent Abstracts of Japan, vol. 018, No. 043, (C-1156) Jan. 24, 1994.

JP-05-269463-A2 (Oct. 1993)—Abstract—Derwent Publications Ltd., London GB, AN 1993-364476, XP002147897.