(51) **Int. Cl.**
A61N 1/05 (2006.01)
A61N 1/362 (2006.01)
G06F 12/08 (2016.01)

(52) **U.S. Cl.**
CPC ***A61B 5/7275*** (2013.01); ***A61N 1/05*** (2013.01); ***A61N 1/362*** (2013.01); ***G06F 12/0862*** (2013.01); ***G06F 12/0877*** (2013.01); *G06F 12/0802* (2013.01)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,107,833	A	4/1992	Barsness
5,168,871	A	12/1992	Grevious
5,271,395	A	12/1993	Wahlstrand et al.
5,292,343	A	3/1994	Blanchette et al.
5,314,450	A	5/1994	Thompson
5,324,315	A	6/1994	Grevious
5,354,319	A	10/1994	Wyborny et al.
5,383,909	A	1/1995	Keimel
5,545,186	A	8/1996	Olson et al.
5,755,736	A	5/1998	Gillberg et al.
5,836,975	A	11/1998	DeGroot
5,876,353	A	3/1999	Riff
5,957,861	A	9/1999	Combs et al.
6,045,513	A	4/2000	Stone et al.
6,102,874	A	8/2000	Stone et al.
6,104,949	A	8/2000	Pitts Crick et al.
6,154,674	A	11/2000	Meier
6,221,011	B1	4/2001	Bardy
6,263,243	B1	7/2001	Lang
6,277,072	B1	8/2001	Bardy
6,280,380	B1	8/2001	Bardy
6,280,409	B1	8/2001	Stone et al.
6,405,085	B1	6/2002	Graupner et al.
6,449,509	B1	9/2002	Park et al.
6,463,326	B1	10/2002	Hartley et al.
6,595,927	B2	7/2003	Pitts-Crick et al.
6,907,288	B2	6/2005	Daum
7,986,994	B2 *	7/2011	Stadler A61B 5/0537 600/484
8,428,718	B2 *	4/2013	Stadler A61B 5/0537 600/547
2001/0011153	A1	8/2001	Bardy
2001/0021801	A1	9/2001	Bardy
2001/0039504	A1	11/2001	Linberg et al.
2002/0026104	A1	2/2002	Bardy
2003/0125611	A1	7/2003	Bardy
2005/0124900	A1	6/2005	Stadler
2010/0305641	A1	12/2010	Pillai et al.
2012/0221066	A1	8/2012	Rosenberg et al.

OTHER PUBLICATIONS

Baer et al., "Electronic Home Monitoring of Congestive Heart Failure Patients: Design and Feasibility", Electronic Home Monitoring CHF, May/Jun. 1999, pp. 105-113.

Wuerz, et al., "Effects of Prehospital Medications on Mortality and Length of Stay in Congestive Heart Failure", Annals of Emergency Medicine, 21:6; Jun. 1992, pp. 669-674.

Berman, et al., "Transthoracic Electrical Impedance as a Guide to Intravascular Overload", Archives Surgery, 102, Jan. 1971, pp. 61-62.

* cited by examiner