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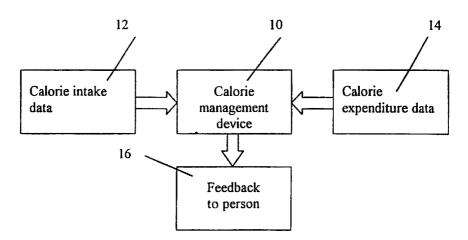
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(54) Title: WEIGHT CONTROL METHOD USING PHYSICAL ACTIVITY BASED PARAMETERS



(57) Abstract: A method of assisting a person to achieve a weight control goal comprises determining a resting energy expenditure for the person using an indirect calorimeter, and converting the resting energy expenditure of the person into a number of resting points. The activity level of the person can be monitored or estimated, and converted into a number of activity points. The sum of activity points and resting points can be compared with the number of diet points consumed by the person, wherein the diet points are calculated based on calorie content and other nutritional values. The balance of these weight control points can be presented to a person, so as to assist the person succeed in a weight control program.



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	umentation searched (classification system followed 0/300, 595, 531, 301; 128/921	by crassification symbols)	
Documentation	n searched other than minimum documentation to th	e extent that such documents are included	d in the fields searched
Electronic data EAST	a base consulted during the international search (nar	ne of data base and, where practicable, s	earch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	US 5,890,128 A (DIAZ et al) 30 March 1999 (30.03.1999), Abstract.		1, 6, 7, and 11
A	US 5,839,901 A (KARKANEN) 24 November 1998 (24.11.1998), Abstract.		1, 6, 7, and 11
A	US 5,749,372 A (ALLEN et al) 12 May 1998 (12.05.1998), Abstract.		1, 6, 7, and 11
A	US 5,704,350 A (WILLIAMS) 06 January 1998 (06.01.1998), Abstract.		1, 6, 7, and 11
Α	US 4,823,808 A (CLEGG et al) 25 April 1989 (25.04.1989), Abstract.		1, 6, 7, and 11
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Further	documents are listed in the continuation of Box C.	See patent family annex.	
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