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Date of deferred publication of search report: 07.01.88 Bulletin 88/01 (7) Applicant: SMITH METERS LIMITED 170, Rowan Road Streatham Vale London, SW16 5JE (GB)

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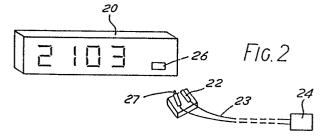
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(54) Remote reading of a metered quantity.

(g) A meter has a liquid crystal (20) on which is displayed the value of a metered quantity, for direct visual reading. A single flashing zone (26) is arranged to display a binary-coded representation of the same value as a timed sequence of flashes. The binary 0's and 1's are represented by the presence or absence of flashes.

The flashing code is read by a photo-electric sensor (22) which transmits electrical signals to remote reading station (24). Thus there are no direct connections to the meter.

In an alternative arrangement, fibre optics transmit the flashes of light to a remote station.





EUROPEAN SEARCH REPORT

EP 87 30 2910

DOCUMENTS CONSIDERED TO BE RELEVANT										
Category		th indication, where app vant passages	ndication, where appropriate, passages		Relevant to claim		CLASSIFICATION OF THE APPLICATION (Int. Cl.4)			
Х	US-A-4 213 119 * Figure 2; colu column 10, line 11, lines 55-67	mn 3, lines s 17-22;	9-15;	1	. – 4	G	80	С	23/00	
Y	WO-A-8 505 530 * Page 6, lin lines 9-25; figu	es 15-18; p		5	;					
A	PATENT ABSTRACTS 8, no. 261 (E-28 November 1984; & (MATSUSHITA DENK 01-08-1984 * Whole document	31)[1698], 3 3 JP-A-59 13 3 SAGYO K.K	0th 3 743	7	'-10					
						TECHNICAL FIELDS SEARCHED (Int. Cl.4)				
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l	The present search report has b	peen drawn up for all cla	ms							
Place of search Date of completion of the search			1			Exan	iner			
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Y: pai do: A: tec O: noi	CATEGORY OF CITED DOCU rticularly relevant if taken alone rticularly relevant if combined w cument of the same category chnological background n-written disclosure ermediate document	E: earlier p after the D: docume L: docume	theory or principle underlying the invention earlier patent document, but published on, or after the filing date document cited in the application document cited for other reasons							