(1) Publication number:

0 202 764 **A3**

12)

EUROPEAN PATENT APPLICATION

(21) Application number: 86302820.5

(22) Date of filing: 16.04.86

(5) Int. Cl.³: **H 01 C 10/30** H 01 C 17/22, H 01 C 10/36

//F02D41/00

30 Priority: 17.04.85 GB 8509773

(43) Date of publication of application: 26.11.86 Bulletin 86/48

88) Date of deferred publication of search report: 20.04.88

(84) Designated Contracting States: BE DE FR GB IT NL SE

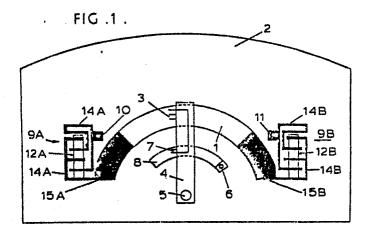
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(54) Potentiometer.

(57) A potentiometer, particularly suitable for use in automotive engine management systems, comprises a film resistance track (1) on a substrate (2) and terminals (10, 11) for connection to a voltage source. A wiper (3, 7) traverses the track (1) and a conductive collector (8) which is connected to a terminal (6) at which an output voltage is obtained. A film resistor network (9A, 9B) is provided at one or both ends of the track (1) in series with the track (1) and the terminals (10, 11), or in parallel with a portion (1A) of the track (1) at one or both ends thereof. The networks (9A, 9B) comprise interconnected resistance elements formed by application of conductive film links (14A, 14B) to a single film resistance element (12A, 12B), nthe links (14A, 14B) being selectively severable to allow adjustment, to a predetermined value, of the resistance of the network(s) (9A, 9B) in series with the track (1) or in parallel with the portion (1A) of the track (1). The networks (9A, 9B) allow the output voltage characteristics of the potentiometer with respect to the wiper position, to be adjusted.





EUROPEAN SEARCH REPORT

Application Number

EP 86 30 2820

1	DOCUMENTS CONSI	DERED TO BE RELEV	ANT		
Category	Citation of document with in of relevant par	dication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)	
A	US-A-4 134 096 (0. * Claim 1; column 2 4, line 51 *		1,3	H 01 C 10/30 H 01 C 17/22 H 01 C 10/36 //	
Α	US-A-2 724 759 (J. * Claim 14 *	L. DANIELS)	1	F 02 D 41/00	
A	DE-A-2 812 928 (AG * Claims 1,3; figur	FA-GEVAERT AG) e 1 *	1,3		
P,X	DE-A-3 405 934 (VD AG) * Claims 1,2; page figure 1 *		1		
A	GB-A-1 500 394 (WE	LWYN ELECTRIC LTD)			
A	IBM TECHNICAL DISCLOSURE BULLETIN, vol. 13, no. 5, October 1970, page 1105, New York, US; A. BROSS et al.: "Modular				
	resistor array"			TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
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	The present search report has b	-			
Place of search THE HAGUE		Date of completion of the sear 18–01–1988	1	Examiner DECANNIERE L.J.	
Y: pa	CATEGORY OF CITED DOCUME articularly relevant if taken alone articularly relevant if combined with an acument of the same category echnological background on-written disclosure termediate document	E: earlier pat after the f other D: document L: document	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document		