

Title (en)  
Potentiometer.

Title (de)  
Potentiometer.

Title (fr)  
Potentiomètre.

Publication  
**EP 0202764 A2 19861126 (EN)**

Application  
**EP 86302820 A 19860416**

Priority  
GB 8509773 A 19850417

Abstract (en)  
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), the 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.

IPC 1-7  
**H01C 10/30**; **H01C 17/22**; **H01C 10/36**

IPC 8 full level  
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CPC (source: EP)  
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