

Title (en)
Potentiometer.

Title (de)
Potentiometer.

Title (fr)
Potentiomètre.

Publication
EP 0096948 A1 19831228 (EN)

Application
EP 83300883 A 19830221

Priority
GB 8216949 A 19820611

Abstract (en)
A rotary potentiometer is provided, particularly applicable in an internal combustion engine to follow movement of a rotatable mechanism such as a throttle or butterfly shaft in an induction manifold. The potentiometer comprises: a housing (1); an arcuate film resistance element (3) connected to terminals (4) and (5) in the housing; a wiper (10) supported on a rotatable carrier (11) and arranged to traverse the element. Adjustable stop means (14, 15) for the wiper carrier allow a position of restraint of the wiper at an end region of the element to be obtained and a helical spring (18) returns the wiper to the position of restraint from a position of rotation and electrically connects the wiper to a further terminal (19). A film (20) of electrically insulating material overlies the element at the end region where the stop means is provided and electrically insulates the wiper from the element in that position. Provision (21) is made for adjustment of the resistance of the element in the region of the insulating film.

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IPC 8 full level
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Citation (search report)
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