

Title (en)

Device to detect the position of a moving member inside a fixed member.

Title (de)

Vorrichtung zur Messung der Stellung eines beweglichen Gliedes innerhalb eines festen Gliedes.

Title (fr)

Dispositif de détection de la position d'un organe mobile à l'intérieur d'un organe fixe.

Publication

EP 0353117 B2 19940427 (FR)

Application

EP 89401847 A 19890628

Priority

FR 8809908 A 19880722

Abstract (en)

[origin: JPH02262460A] PURPOSE: To easily install a first means (movable) on a known type booster, etc., by providing it to slide to a second means (stationary) so as to change at least one electric quantity in accordance with a position of the first means with respect to the second means. CONSTITUTION: A detection device 10 is installed on a housing 14 divided into a front chamber 18 and a rear chamber 20 inside parts of which are selectively made to communicate with each other by a piston device 16 through a gasket 24 in case of practicing on an pneumatic booster. This detection device 10 has a conductive material made main body 26, an insulating sleeve 36 is inserted into its hole 32, and a conductive ring 38 is inserted in a small diametrical hole 34 to open in the conductive ring 38. Additionally, a conductive material made rod 42 is inserted into the conductive ring 38, its one end is fixed on the piston device 16, and an elastic metal made tang 54 provided at the other end is made to slide on a conductive resistant track 52 provided on the sleeve 36 and functioned as a potentiometer.

IPC 1-7

F15B 15/28

IPC 8 full level

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CPC (source: EP US)

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Cited by

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