

Title (en)
DEVICE FOR MEASURING PRESSURE, AND METHOD FOR MANUFACTURING SAME

Title (de)
VORRICHTUNG ZUR DRUCKMESSUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
DISPOSITIF DE MESURE DE PRESSION ET SON PROCÉDÉ DE FABRICATION

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Abstract (en)
[origin: WO2011004113A1] The invention relates to a device for measuring pressure through the capacitive effect between two electrodes, including at least one sensitive electrode (11) spaced apart from and opposite a stationary electrode (211) so as to define a cavity (4) in which a reference pressure (Pref) exists. The device according to the invention further includes a protective housing (1) for insulating at least the stationary electrode from the ambient environment in which the pressure (P) to be measured exists, said housing (1) having at least one solid portion, forming a recess (10) for containing at least the stationary electrode (211), and a thinned portion forming the sensitive electrode (11).

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