

Title (en)

PART FOR MEASURING FORCES OR PRESSURES, AND SENSOR COMPRISING SUCH A PART

Title (de)

BAUTEIL FÜR KRAFT- ODER DRUCKMESSUNGEN UND SENSOR UMFASSEND EIN SOLCHES BAUTEIL

Title (fr)

COMPOSANT POUR MESURER UNE FORCE OU UNE PRESSION ET CAPTEUR COMPRENANT UN TEL COMPOSANT

Publication

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Application

**EP 08854262 A 20081124**

Priority

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Abstract (en)

[origin: WO2009067833A2] The invention relates to a part (2) to be mounted into force or pressure sensors. Said part (2) comprises an annular measuring element (2) made of piezoelectric material, first and second electrodes (4, 4') that rest against both sides of the measuring element (3) and are provided with wires (10, 10'), an electrically insulating transmission member (5) that laterally adjoins the first electrode (4), across from the measuring element (3), and an electrically insulating insulation member (6) which laterally adjoins the second electrode (4'), across from the measuring element (3). All said components (3, 4, 4', 5, 6) are mounted within the part (2) in such a way as to be centered relative to each other. According to the invention, the external face of the transmission member (5a) and the external face of the insulation member (6b) which face away from and run parallel to the electrodes (4, 4') are designed in a very planar manner, having a levelness of less than 10µm.

IPC 8 full level

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Citation (search report)

See references of WO 2009067833A2

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