

Title (en)
METHOD FOR PRODUCING A DIFFERENTIAL PRESSURE SENSOR

Title (de)
VERFAHREN ZUM HERSTELLEN EINES DIFFERENZDRUCKMESSAUFNEHMERS

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN CAPTEUR DE PRESSION DIFFÉRENTIELLE

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Application
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Abstract (en)
[origin: WO2021110431A1] The invention relates to a method for producing a differential pressure sensor, comprising the following method steps: a) providing a sensor assembly (2); b) providing a main body (1) having a substantially rotationally symmetrical cavity (23) for receiving the sensor assembly (2), c) introducing the sensor assembly (2) into the cavity of the main body (23); d) welding the sensor assembly (2) into the cavity of the main body by means of an impulse resistance welding method; e) introducing, preferably by pressing in, a welding ring (10) between the sensor assembly (2) and the cavity (23) of the main body in an opening region (24) of the cavity (23); f) axially laser-welding in the opening region (24) of the cavity (23) such that the main body (2) becomes or is peripherally welded to the sensor assembly (2) by means of the welding ring (10).

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