

Title (en)

MICROELECTROMECHANICAL SENSOR FOR MEASURING A FORCE, AND CORRESPONDING METHOD

Title (de)

MIKROELEKTROMECHANISCHER SENSOR ZUR MESSUNG EINER KRAFT SOWIE ENTSPRECHENDES VERFAHREN

Title (fr)

MICROCAPTEUR ÉLECTROMÉCANIQUE POUR LA MESURE D'UNE FORCE ET PROCÉDÉ CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO2012059266A1] The invention relates to a microelectromechanical sensor for measuring a force, a pressure, or the like. The sensor comprises a substrate with a measuring element. The measuring element comprises at least two electrically conductive regions, at least one of the electrically conductive regions being at least partly connected to the substrate. The sensor also comprises at least one changing region, said changing region lying at least partly between the electrically conductive regions. The changing region is designed in a substantially electrically insulating manner in an unloaded state and in a substantially electrically conductive manner in the loaded state. The invention likewise relates to a corresponding method and to a corresponding method for producing a microelectromechanical sensor.

IPC 8 full level

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