

Title (en)
APPARATUS FOR DETECTING A PRESSURE, IN PARTICULAR A COMBUSTION SPACE PRESSURE OF AN INTERNAL COMBUSTION ENGINE

Title (de)
VORRICHTUNG ZUR ERFASSUNG EINES DRUCKS, INSBESONDERE EINES BRENNRAUMDRUCKS EINER BRENNKRAFTMASCHINE

Title (fr)
DISPOSITIF POUR DÉTECTER UNE PRESSION, EN PARTICULIER UNE PRESSION DE CHAMBRE DE COMBUSTION D'UN MOTEUR À COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2012146429A1] The invention proposes an apparatus for detecting a pressure, in particular in a combustion space of an internal combustion engine. The apparatus has a housing (10) and an adapter element (26), which is mounted in the housing (10), for receiving a sensor module (12). The sensor module (12) comprises a transmission element (21), a sensor element (20) and a supporting element (22), wherein the sensor module (12) is supported by way of the transmission element (21) on a compensation body (25) which is connected to the adapter element (26), and by way of the supporting element (22) on a fixing element (28). The compensation body (25) is designed, at an end face (39) which faces the sensor module (12), with a circular recess (42) in which the transmission element (21) is accommodated in a centred manner.

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Citation (search report)
See references of WO 2012146429A1

Citation (examination)
• WO 2010136229 A1 20101202 - BOSCH GMBH ROBERT [DE], et al
• EP 0430445 A2 19910605 - MATSUSHITA ELECTRIC IND CO LTD [JP]

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