

Title (en)

DEVICE FOR REGISTERING A COMBUSTION CHAMBER PRESSURE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR ERFASSUNG EINES BRENNRAUMDRUCKS EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE DÉTECTION DE LA PRESSION DANS UNE CHAMBRE DE COMBUSTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010136229A1] The invention proposes a device (110) for registering a combustion chamber pressure of an internal combustion engine, in particular a spark ignition engine. The device (110) comprises a sensor housing (124) which is designed to be inserted at least partly into the combustion chamber (126) of the internal combustion engine. On the combustion chamber side, the sensor housing (124) has an opening (128) closed by at least one diaphragm (130). Accommodated within the sensor housing (124) is at least one mechanical-electrical converter element (142). Also provided is at least one transmitting element (162), which is formed separately from the sensor housing (124), for transmitting a deformation of the diaphragm (130) to the mechanical-electrical converter element (142).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010136229A1

Citation (examination)

US 2004255683 A1 20041223 - BARRON LEO [US]

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