

Title (en)
INTEGRATED COMBUSTION CHAMBER SENSOR

Title (de)
INTEGRIERTER BRENNRAUMDRUCKSENSOR

Title (fr)
CAPTEUR DE PRESSION DE CHAMBRE DE COMBUSTION INTEGRE

Publication
EP 1891412 A1 20080227 (DE)

Application
EP 06725609 A 20060406

Priority
• EP 2006061387 W 20060406
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Abstract (en)
[origin: WO2006128755A1] The invention relates to a device for measuring the pressure in the combustion chamber (60) of an internal combustion engine, in the cylinder head (10) of which is accommodated at least one engine add-on part (20). Said engine add-on part is held with a preload force (52) against a sealing element (30) which is deformable in the axial direction. The sealing element (30) seals off the engine add-on part (20), which is accommodated in a bore (12, 14), from the combustion chamber gases. At least one force sensor (34) is integrated in a cavity (46) of the sealing element (30).

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G01L 23/10 (2013.01); **G01L 23/22** (2013.01); **F23Q 2007/002** (2013.01)

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Cited by
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