

Title (en)

APPARATUS FOR PRESSURE DETECTION IN AN ENGINE COMBUSTION CHAMBER

Title (de)

APPARAT ZUR DETEKTION DES DRUCKES IN DER VERBRENNUNGSKAMMER EINES MOTORS

Title (fr)

APPAREIL DE DETECTION DE LA PRESSION DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR

Publication

**EP 1573291 A2 20050914 (FR)**

Application

**EP 03785799 A 20031212**

Priority

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- FR 0216372 A 20021220

Abstract (en)

[origin: FR2849192A1] A functional engine component such as a sparking plug (1) has a collar (1b) which is supported by the shoulder (15c) of an intermediate element (15) screwed into an orifice (3) of the cylinder head (5). A nut (17) exerts pressure on the shoulder through a piezoelectric unit (19) which has contact and insulating rings (21,23). An electronic calculator (25) uses the cylinder pressure data to regulated a fuel injector (27)

IPC 1-7

**G01L 23/10**

IPC 8 full level

**G01L 23/10** (2006.01)

CPC (source: EP KR US)

**F23Q 7/001** (2013.01 - EP US); **G01L 23/10** (2013.01 - EP KR US); **F02P 19/028** (2013.01 - EP US); **F23Q 2007/002** (2013.01 - EP US)

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