

Title (en)

Device for the detection of fuel leaks in internal combustion engines

Title (de)

Vorrichtung zur Detektion von Brennstoffleckage in Brennkraftmaschinen

Title (fr)

Dispositif de détection de fuite de combustible dans un moteur à combustion interne

Publication

**EP 1710430 A3 20061213 (EN)**

Application

**EP 06111473 A 20060321**

Priority

IT AN20050015 A 20050331

Abstract (en)

[origin: EP1710430A2] A device (2) for blow-by detection in injectors (1) of internal combustion engines is disclosed, which comprises a probe (3) employing optical fibres (6, 7) which radiates the end portion of the injector (1). Preferably, radiance occurs at UV wavelength and said probe (3) is connected to a spectrometer (5) by cables (4).

IPC 8 full level

**F02M 65/00** (2006.01); **G01M 3/02** (2006.01); **G01M 3/28** (2006.01)

CPC (source: EP)

**F02M 65/00** (2013.01); **F02M 65/006** (2013.01); **F02D 41/221** (2013.01); **F02D 2041/225** (2013.01); **F02M 2200/8092** (2013.01)

Citation (search report)

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- [PA] JP 2006003143 A 20060105 - SHOSEKI ENGINEERING & CONSTRUCT, et al
- [A] JP S5981530 A 19840511 - FURUKAWA ELECTRIC CO LTD
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- [DA] DE 19809926 C2 20020829 - SONPLAS GMBH PLANUNG MONTAGE U [DE]
- [A] DE 10031203 A1 20020124 - SIEMENS AG [DE]
- [A] DE 19838749 A1 20000302 - VOLKSWAGEN AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1710430 A2 20061011; EP 1710430 A3 20061213; IT AN20050015 A1 20061001**

DOCDB simple family (application)

**EP 06111473 A 20060321; IT AN20050015 A 20050331**