

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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- [A] JP S5981530 A 19840511 - FURUKAWA ELECTRIC CO LTD
- [A] JP 2002021033 A 20020123 - HOWA MACHINERY LTD
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Designated contracting state (EPC)

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Designated extension state (EPC)

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