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(71) Applicant (for all designated States except US): **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **YOSHIDA, Kaori** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). **TANIGUCHI, Satoshi** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(74) Agents: **TAKAHASHI, Hideki** et al.; TAKADA, TAKAHASHI & PARTNERS, 5th Floor, Intec 88 Bldg., 20, Araki-cho, Shinjuku-ku, Tokyo 1600007 (JP).

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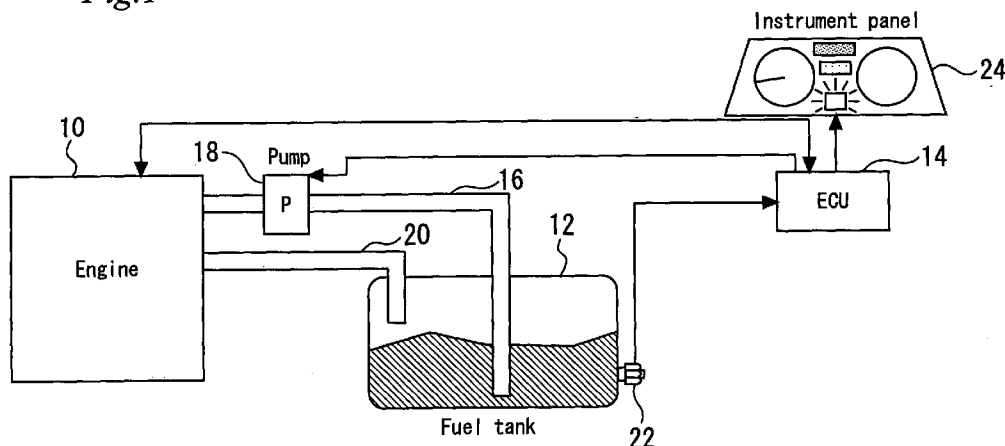
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Fig.1



(57) Abstract: A fuel deterioration detection apparatus for an internal combustion engine comprises an internal combustion engine (10) operable with a biofuel, a water concentration sensor (22) detecting concentration of a water content in the biofuel, and a fuel deterioration determination means determining a degree of oxidative deterioration of the biofuel based on the concentration of the water content detected by the water concentration sensor (22). The fuel deterioration determination means determines that the biofuel is oxidatively deteriorated when the concentration of water content detected is greater than a predetermined criterion value.

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	AUSTRALIAN COAL RESEARCH LIMITED: "Online monitoring of lubrication oil contamination and degradation" INTERNET CITATION, [Online] XP002329440 Retrieved from the Internet: URL: http://www.acarp.com.au/Completed/abstracts/C9037abstract.htm [retrieved on 2005-05-23] the whole document	1-5
Y	WO 2007/051216 A (AC2T RES GMBH [AT]; AGOSTON ATTILA [AT]; JAKOBY BERNHARD [AT]) 10 May 2007 (2007-05-10) abstract	1-5
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☒ See patent family annex.

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Wulveryck, J

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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