

Title (en)

METHOD AND SYSTEM FOR MONITORING THE LEVEL OF OIL CONTAINED IN A TANK OF AN AIRCRAFT ENGINE

Title (de)

VERFAHREN UND SYSTEM ZUR ÜBERWACHUNG DES ÖLSTANDES IN EINEM TANK EINES FLUGZEUGMOTORS

Title (fr)

PROCEDE ET SYSTEME DE SURVEILLANCE DU NIVEAU D'HUILE CONTENUE DANS UN RESERVOIR D'UN MOTEUR D'AERONEF

Publication

EP 2561193 B1 20150930 (FR)

Application

EP 11730375 A 20110414

Priority

- FR 1052954 A 20100419
- FR 2011050854 W 20110414

Abstract (en)

[origin: WO2011131892A1] The invention relates to a method which includes, for at least two predetermined operating phases of the engine during at least one mission of the aircraft: obtaining measurements of an oil level of the tank, each measurement being associated with an oil temperature and an operating speed of the engine; selecting measurements that represent variations in the oil level, associated with oil temperatures near a reference temperature and with engine operating speeds that are near a reference operating speed; aggregating (F40) the measurements selected during the operating phases and during said at least one mission of the aircraft; and comparing (F60) the aggregated measurements with reference data in order to identify (F70) abnormal oil consumption of the engine.

IPC 8 full level

F01D 21/00 (2006.01); **F01D 25/18** (2006.01); **F01M 11/12** (2006.01)

CPC (source: EP US)

F01D 25/18 (2013.01 - EP US); **F01M 11/12** (2013.01 - EP US); **F05D 2260/80** (2013.01 - EP US)

Cited by

FR3030624A1; CN109240327A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2958911 A1 20111021; FR 2958911 B1 20120427; BR 112012026634 A2 20160712; BR 112012026634 B1 20201222; CA 2796739 A1 20111027; CA 2796739 C 20171017; CN 102859133 A 20130102; CN 102859133 B 20150701; EP 2561193 A1 20130227; EP 2561193 B1 20150930; RU 2012148901 A 20140527; RU 2557838 C2 20150727; US 2013218399 A1 20130822; US 9540974 B2 20170110; WO 2011131892 A1 20111027

DOCDB simple family (application)

FR 1052954 A 20100419; BR 112012026634 A 20110414; CA 2796739 A 20110414; CN 201180020135 A 20110414; EP 11730375 A 20110414; FR 2011050854 W 20110414; RU 2012148901 A 20110414; US 201113641743 A 20110414