

Title (en)

METHOD FOR DETECTING A POSSIBLE FUEL LEAK IN AN OIL CIRCUIT OF AN AIRCRAFT ENGINE

Title (de)

VERFAHREN ZUR DETEKTION EINES MÖGLICHEN KRAFTSTOFFLECKS IN EINEM ÖLKREISLAUF EINES FLUGZEUGTRIEBWERKS

Title (fr)

PROCEDE DE DETECTION D'UNE FUITE EVENTUELLE DE CARBURANT DANS UN CIRCUIT D'HUILE D'UN MOTEUR D'AERONEF

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Application

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Priority

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Abstract (en)

[origin: CA3130266A1] The invention relates to a method for detecting a possible fuel leak in an oil circuit of an aircraft engine, said aircraft having at least one pair of identical engines equipped with respective oil circuits, said pair of engines being associated with at least one quadruplet of measurements acquired beforehand at a measuring time during operation of the engines of the pair, said measurements corresponding to a pressure measurement and a temperature measurement of the fluid contained in each of the oil circuits of the engines of the pair. Moreover, the method includes: - a step (100) of determining a quantity Q representative of a possible difference in operation between the engines of the pair, depending on the quadruplet of measurements, - a step (200) of comparing the quantity Q with a threshold value determined beforehand, so as to obtain a comparison result, - a step (300) of detecting a possible leak of fuel in the oil circuit of one of the engines of the pair, depending on the comparison result.

IPC 8 full level

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