

Title (en)

METHOD FOR DEBUGGING OPERATIONAL SOFTWARE OF A SYSTEM ONBOARD AN AIRCRAFT AND DEVICE FOR IMPLEMENTING THE SAME

Title (de)

VERFAHREN ZUM DEBUGGING DER BETRIEBS SOFTWARE EINES SYSTEMS AN BORD EINES FLUGZEUGS SOWIE VORRICHTUNG ZUR ANWENDUNG DIESER VERFAHRENS

Title (fr)

PROCÉDÉ DE DÉBOGAGE D'UN LOGICIEL DE FONCTIONNEMENT D'UN SYSTÈME EMBARQUÉ À BORD D'UN AÉRONEF ET DISPOSITIF DE MISE EN OEUVRE

Publication

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Application

**EP 08837964 A 20080912**

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Abstract (en)

[origin: WO2009047435A2] The invention relates to a method for debugging the program of operational software of an onboard system, characterised in that it comprises the following steps: a) flagging (31) the program by positioning flags along an execution path for dividing said execution path into adjacent functional intervals; b) normal execution (32) of the program; c) acquiring (33) an execution condition of the program by flag condition vectors; d) when an error is detected, searching (36) a faulty functional interval based on the flag condition vectors, reverse execution (41) of the program in said faulty functional interval, and determination and correction of the error (42).

IPC 8 full level

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