Title (en)

ELECTRONIC COMPUTER, ELECTRONIC SYSTEM, METHOD FOR MONITORING THE EXECUTION OF AN APPLICATION AND ASSOCIATED COMPUTER PROGRAM

Title (de)

ELEKTRONISCHER RECHNER, ELEKTRONISCHES SYSTEM, VERFAHREN ZUM ÜBERWACHEN DER AUSFÜHRUNG EINER ANWENDUNG UND ZUGEHÖRIGES COMPUTERPROGRAMM

Title (fr)

CALCULATEUR ÉLECTRONIQUE, SYSTÈME ÉLECTRONIQUE, PROCÉDÉ DE SURVEILLANCE DE L'EXÉCUTION D'UNE APPLICATION ET PROGRAMME D'ORDINATEUR ASSOCIÉ

Publication

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Application

EP 21703941 A 20210212

Priority

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• EP 2021053422 W 20210212

Abstract (en)

[origin: WO2021160783A1] The invention relates to a computer (C) comprising a memory and a processing chain comprising an input/output processing entity (16), a processor (12), an operating system interacting with the processing entity and the processor, the computer, in the presence of an external request to execute a source application (28) the executable of which has been loaded beforehand into an area of the memory, being able to: - instantiate a clone application (32) of the source application (28) by: - duplicating the executable of the source application (28) so as to create that of the clone application (32), and by storing it in a memory area separate from that of the source application, - generating an internal request to said processor to execute said clone application (32), - independently execute the source application (28) and clone application (32), - generate a single output (56) on the basis of the comparison of the execution result of the source application (28) with that of the clone application (32).

IPC 8 full level

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DOCDB simple family (application)

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