

Title (en)
PROTECTION OF APPLETS AGAINST HIDDEN-CHANNEL ANALYSES

Title (de)
SCHUTZ VON APPLETS VOR ANALYSEN VERDECKTER KANÄLE

Title (fr)
PROTECTION DES APPLETS CONTRE LES ANALYSES PAR CANAUX CACHES

Publication
EP 2656268 A1 20131030 (FR)

Application
EP 11815528 A 20111222

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Abstract (en)
[origin: WO2012085482A1] The invention relates in particular to an electronic device equipped with a virtual machine for executing an applet. The virtual machine is arranged so as to recognize the instructions of the applet and to execute a code corresponding to each instruction. The virtual machine comprises an association module arranged so as to associate several distinct but operationally identical codes with one and the same instruction, and a selection module arranged so as to select the code to be executed for said instruction in a random manner. The invention also relates to a method of securing a counter-electronic device against hidden-channel attacks.

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See references of WO 2012085482A1

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