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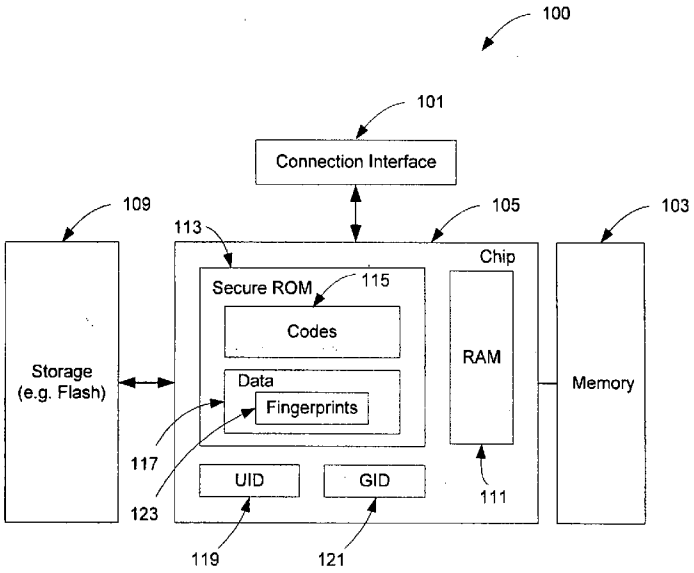
[Continued on next page]

(54) Title: SECURE BOOTING A COMPUTING DEVICE



(57) Abstract: A method and an apparatus for executing codes embedded inside a device to verify a code image loaded in a memory of the device are described. A code image may be executed after being verified as a trusted code image. The embedded codes may be stored in a secure ROM (read only memory) chip of the device. In one embodiment, the verification of the code image is based on a key stored within the secure ROM chip. The key may be unique to each device. Access to the key may be controlled by the associated secure ROM chip. The device may complete establishing an operating environment subsequent to executing the verified code image.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 369 764 A (MICROSOFT CORP [US]) 10 December 2003 (2003-12-10)	1-4, 6-12, 14-30
Y	figures 2B,3,4 paragraphs [0003], [0009], [0011], [0032], [0033]	5,13
X	US 2003/056107 A1 (CAMMACK WILLIAM E [US] ET AL) 20 March 2003 (2003-03-20)	1,9,17
Y	paragraphs [0032] - [0035], [0044], [0045]	5,13

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Preuss, Norbert

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	figures 1b,1c,2a column 4, lines 33-59 column 8, lines 23-37 column 10, lines 45-67 column 11, lines 26-29	2-8, 10-16, 20,21, 23,24,30
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