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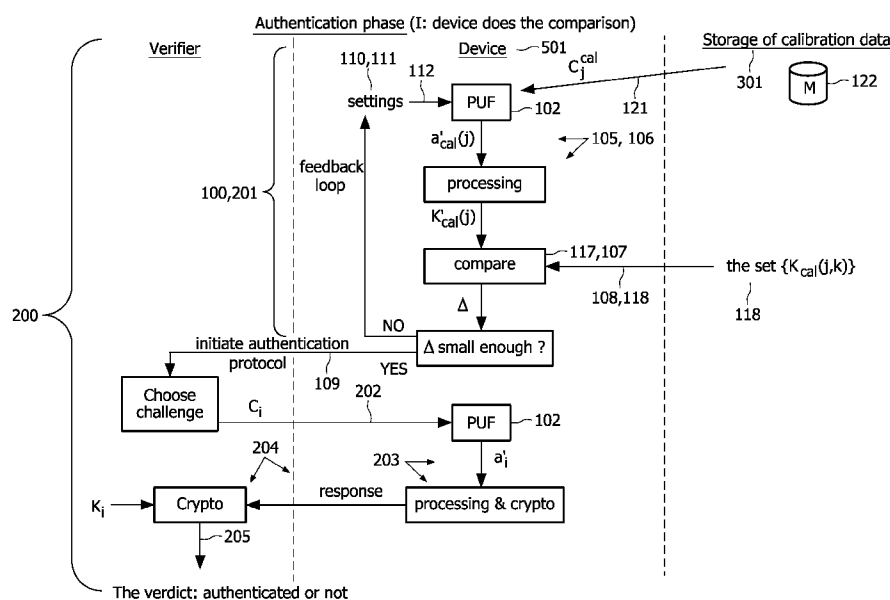
— *with international search report*

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[Continued on next page]

(54) Title: METHOD, APPARATUS, DEVICE, SYSTEM, PROGRAM, FOR CALIBRATING



(57) Abstract: This invention relates to the use 100 of a challenge-response pair 104, 108 for calibrating a device 101 for authenticating 200 a physical token (102) 102.



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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2006/050258

A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F21/20

According to International Patent Classification (IPC) or to both national classification and IPC

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| X | RAVIKANTH P S: "Physical One-way Functions" THESIS AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, March 2001 (2001-03), pages 1-154, XP002251679 cited in the application paragraph [07.4] | 1, 10, 11, 15 |
| A | | 2-9, 12-14 |
| X, P | SKORIC B ET AL: "Robust Key Extraction from Physical Unccloneable Functions" LECTURE NOTES IN COMPUTER SCIENCE, SPRINGER VERLAG, NEW YORK, NY, US, vol. 3531, June 2005 (2005-06), pages 407-422, XP019010616 ISSN: 0302-9743 paragraph [02.3] | 1-15 |

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

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| C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 2003/204743 A1 (DEVADAS SRINIVAS [US] ET AL) 30 October 2003 (2003-10-30) cited in the application the whole document ----- | 1-15 |
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INTERNATIONAL SEARCH REPORT

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| US 6584214 B1 | 24-06-2003 | NONE | |