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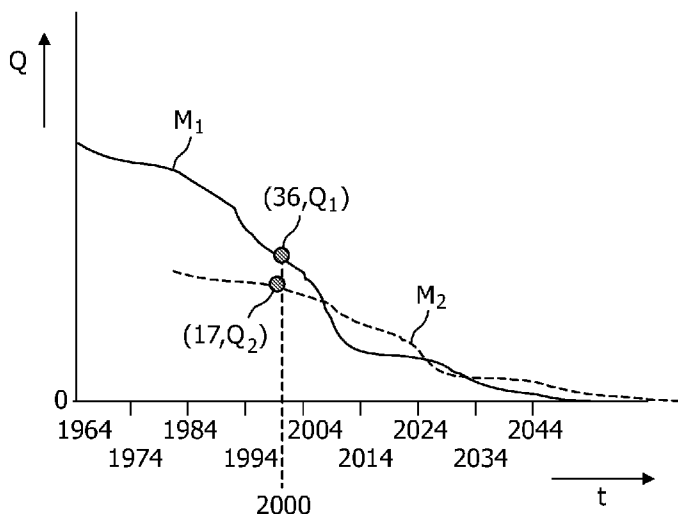
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

**Published:**

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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR BIOMETRIC AUTHENTICATION/IDENTIFICATION OF A PERSON



(57) Abstract: The present invention relates to a method of biometric authentication/identification of a person that comprises the step of using a predictable time-variant first physiological characteristic for establishing consistency of a first reference point comprising a first timestamp and a first feature vector of the person being authenticated/identified with a model (Mi) of a reference person and authenticating/identifying the person as the reference person in dependence of the establishing, the first timestamp being the time of authentication/identification of the person, the first feature vector being a feature vector representative of the first physiological characteristic of the person at the first timestamp, the model (Mi) being a model of a feature vector representative of the first physiological characteristic of the reference person over time. The invention further relates to an apparatus and system for as biometric authentication/identification of a person.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No PCT/IB2007/051508
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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. G06K9/00 G07C9/00

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)  
 G06K G07C 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	COOTES T F ET AL: "Toward automatic simulation of aging effects on face images" IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, IEEE, NEW YORK, NY, US, vol. 24, no. 4, April 2002 (2002-04), pages 442-455, XP011094222 ISSN: 0162-8828	1-8, 13-19
Y	chapter 8	9-12
Y	US 6 657 538 B1 (RITTER) 2 December 2003 (2003-12-02) column 4, line 63 - column 5, line 8	9-12
A	US 2002/138743 A1 (MURAKAMI RICK V [US] ET AL) 26 September 2002 (2002-09-26) paragraph [0048] - paragraph [0051]	1-19

Further documents are listed in the continuation of Box C.

See patent family annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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