



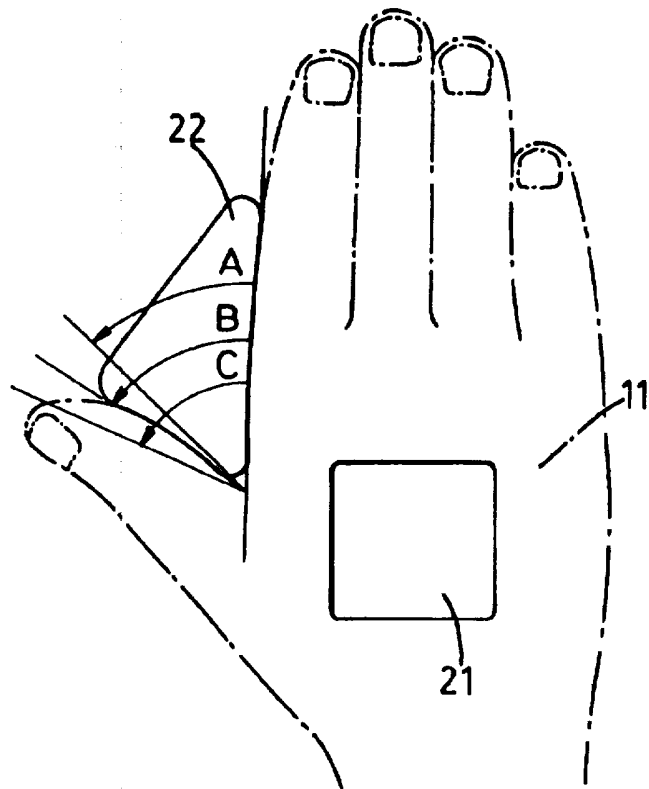
## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification<sup>6</sup> : <b>A61B 5/117, G07C 9/00</b></p>	<p><b>A3</b></p>	<p>(11) International Publication Number: <b>WO 95/33242</b></p> <p>(43) International Publication Date: 7 December 1995 (07.12.95)</p>
<p>(21) International Application Number: PCT/GB95/01113</p> <p>(22) International Filing Date: 18 May 1995 (18.05.95)</p> <p>(30) Priority Data: 9410216.7 21 May 1994 (21.05.94) GB</p> <p>(71) Applicant (for all designated States except US): BENNETT, Margaret, Heather [GB/GB]; 28 Wood Lane, Highgate, London N6 5UB (GB).</p> <p>(71)(72) Applicant and Inventor: EVANS, Leighton, David [GB/GB]; 16 Golden Terrace, Maesteg, Mid Glamorgan CF34 9BX (GB).</p> <p>(74) Agents: JAMES, Michael, John, Gwynne et al.; Wynne-Jones, Laine &amp; James, Morgan Arcade Chambers, 33 St. Mary Street, Cardiff CF1 2AB (GB).</p>	<p>(81) Designated States: AU, CA, GB, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p><b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 25 January 1996 (25.01.96)</p>	

(54) Title: IMPROVEMENTS RELATING TO RECOGNITION SYSTEMS

(57) Abstract

A device for reading or checking a palm print comprises a platform in which a viewing window (21) is provided. The hand (11) of a user is located in a precise manner above the window (21) by a hand location member (22) against which the joint between the thumb and forefinger is located. A reading can then be taken of a portion of the palm print of the user and compared with a known print taken previously to check the identity of the user.



**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgystan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo	KR	Republic of Korea	SE	Sweden
CH	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LU	Luxembourg	SN	Senegal
CN	China	LK	Sri Lanka	TD	Chad
CS	Czechoslovakia	LV	Latvia	TG	Togo
CZ	Czech Republic	MC	Monaco	TJ	Tajikistan
DE	Germany	MD	Republic of Moldova	TT	Trinidad and Tobago
DK	Denmark	MG	Madagascar	UA	Ukraine
ES	Spain	ML	Mali	US	United States of America
FI	Finland	MN	Mongolia	UZ	Uzbekistan
FR	France			VN	Viet Nam
GA	Gabon				

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 95/01113

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 A61B5/117 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)  
IPC 6 A61B

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	WO,A,86 01392 (EVANS) 13 March 1986 see page 4, line 23 - page 6, line 16; figures	1,10
Y	---	2
X	US,A,3 830 195 (BURLESON) 20 August 1974 see column 1, line 66 - column 2, line 18 see column 3, line 29 - line 55 see column 6, line 35 - column 8, line 13; figures	1,10
A	---	2
X	US,A,4 706 600 (MASON) 17 November 1987 see column 2, line 33 - column 3, line 52; figures	1,10
A	---	2
	--- -/--	

Further documents are listed in the continuation of box C.       Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search: 28 August 1995

Date of mailing of the international search report: 22.12.95

Name and mailing address of the ISA: European Patent Office, P.B. 5818 Patentaan 2, NL - 2280 HV Rijswijk, Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl, Fax (+ 31-70) 340-3016

Authorized officer: MEYL, D

## INTERNATIONAL SEARCH REPORT

Internat'l Application No

PCT/GB 95/01113

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB,A,1 295 057 (IDENTIMATION CORPORATION) 1 November 1972 see page 2, line 44 - line 77 see page 2, line 114 - page 3, line 13; figures	2
A	---	1,10
A	US,A,2 500 612 (KROGH) 14 March 1950 see column 5, line 22 - column 8, line 2; figures -----	1,2,10

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB95/01113

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. Claims: 1, 2 and 10
2. Claims: 3-9

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Claims: 1, 2 and 10

**Remark on Protest**

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 95/01113

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-8601392	13-03-86	AU-B- 4729385 EP-A- 0194275 GB-A- 2176149	24-03-86 17-09-86 17-12-86
-----			
US-A-3830195	20-08-74	NONE	
-----			
US-A-4706600	17-11-87	CA-A- 1287490	13-08-91
-----			
GB-A-1295057	01-11-72	BE-A- 738798 DE-A- 1946450 FR-A- 2018078 NL-A- 6913917 SE-B- 361593 SE-B- 387976 US-A- 3584958 GB-A- 1295058	12-03-70 12-11-70 29-05-70 17-03-70 12-11-73 20-09-76 15-06-71 01-11-72
-----			
US-A-2500612	14-03-50	NONE	
-----			