

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 November 2001 (15.11.2001)

PCT

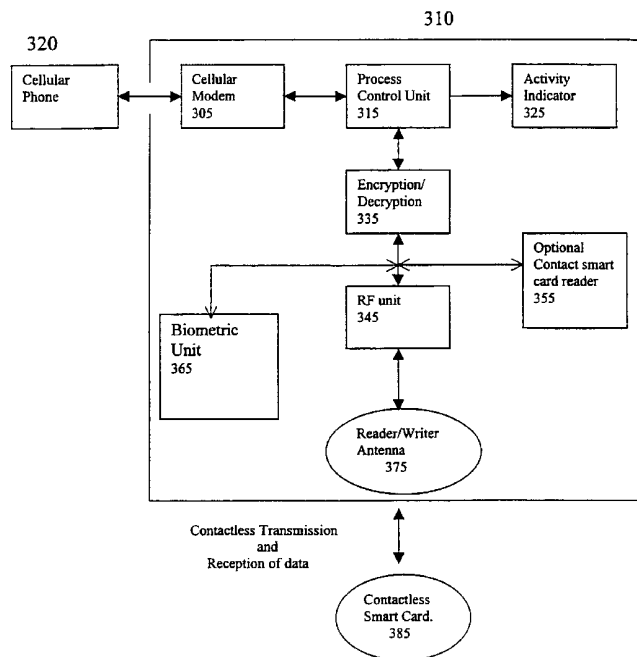
(10) International Publication Number
WO 01/86599 A3

- (51) International Patent Classification⁷: **G07F 7/10**
- (21) International Application Number: PCT/IB01/00809
- (22) International Filing Date: 13 April 2001 (13.04.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/197,775 14 April 2000 (14.04.2000) US
60/264,013 26 January 2001 (26.01.2001) US
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: SMART COMMUNICATIONS



(57) Abstract: A method and apparatus for providing a wireless device with the ability to have secure e-commerce transactions utilizing a contactless smart card. Additionally, the method and apparatus provide for a wireless smart card transaction system which utilizes biometric identification methods. The system may incorporate at least one biometric input device, such as a fingerprint reader, a camera or micro-camera for iris or face recognition, and/or a standard microphone for voice recognition or any other biometric input device.



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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

(88) Date of publication of the international search report:

20 June 2002

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 01/00809

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F7/10

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 7 G07F G06K

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, WPI Data, PAJ

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Patent family members are listed in annex.

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Date of the actual completion of the international search

23 April 2002

Date of mailing of the international search report

02/05/2002

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 01/00809

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