

Title (en)

ELECTRONIC DEVICE AND METHOD FOR THE AUTHENTICATION OF A USER OF SAID DEVICE

Title (de)

ELEKTRONISCHES GERÄT UND VERFAHREN ZUR AUTHENTIFIKATION EINES BENUTZERS DIESES GERÄTES

Title (fr)

APPAREIL ELECTRONIQUE ET PROCEDE POUR L'AUTHENTIFICATION D'UN UTILISATEUR DE CET APPAREIL

Publication

EP 1074004 A1 20010207 (DE)

Application

EP 98948818 A 19980821

Priority

- DE 9802457 W 19980821
- DE 19817770 A 19980421

Abstract (en)

[origin: WO9954851A1] The inventive device comprises sensors (SE) for detecting biometric characteristics BM (e.g. finger pints) and an input device for inputting authentication data AUTINF (e.g. PIN). A data processing device (DE) of the inventive device determines authentication information FPAUTINF from the biometric characteristics BM. Said information is tested by the same testing device PE which tests the authentication information AUTINF to be input via the input device EE. As a result, the device EG can be used by different users and in the same manner as devices without sensors for biometric characteristics. The authentication rules (e.g. for mobile telephones and SIM cards) do not have to be changed in order to permit an authentication using biometric characteristics.

IPC 1-7

G07C 9/00; **H04Q 7/38**; **G07F 7/10**

IPC 8 full level

G06F 21/32 (2013.01); **G06F 21/34** (2013.01); **G07C 9/00** (2006.01); **G07F 7/10** (2006.01); **H04M 1/66** (2006.01); **H04M 1/67** (2006.01); **H04W 12/06** (2009.01); **H04W 88/02** (2009.01); **H04W 92/08** (2009.01)

CPC (source: EP KR US)

G06Q 20/341 (2013.01 - EP); **G06Q 20/40145** (2013.01 - EP); **G06V 40/12** (2022.01 - KR); **G07C 9/37** (2020.01 - EP); **G07F 7/1008** (2013.01 - EP); **H04L 9/3231** (2013.01 - KR); **H04L 63/0853** (2013.01 - EP); **H04L 63/0861** (2013.01 - EP); **H04M 1/67** (2013.01 - EP); **H04W 12/06** (2013.01 - EP US); **G07C 11/00** (2013.01 - KR); **H04W 88/02** (2013.01 - EP); **H04W 92/08** (2013.01 - EP)

Citation (search report)

See references of WO 9954851A1

Designated contracting state (EPC)

AT CH DE ES FI FR GB GR IT LI NL

DOCDB simple family (publication)

WO 9954851 A1 19991028; BR 9815824 A 20001212; CA 2329311 A1 19991028; CN 1299496 A 20010613; EP 1074004 A1 20010207; EP 1424659 A1 20040602; JP 2002512409 A 20020423; KR 20010042881 A 20010525

DOCDB simple family (application)

DE 9802457 W 19980821; BR 9815824 A 19980821; CA 2329311 A 19980821; CN 98814125 A 19980821; EP 04004846 A 19980821; EP 98948818 A 19980821; JP 2000545128 A 19980821; KR 20007011658 A 20001020