

Title (en)

METHOD FOR GENERATING PUBLIC IDENTITY FOR AUTHENTICATING AN INDIVIDUAL CARRYING AN IDENTIFICATION OBJECT

Title (de)

VERFAHREN ZUR ERZEUGUNG VON ÖFFENTLICHER IDENTITÄT ZUR AUTHENTIFIZIERUNG EINER IDENTIFIZIERUNGSOBJEKTTRAGENDEN PERSON

Title (fr)

PROCEDE DE GENERATION D'IDENTITE PUBLIQUE POUR L'AUTHENTIFICATION D'UN INDIVIDU PORTEUR D'UN OBJET D'IDENTIFICATION

Publication

EP 2828788 A1 20150128 (FR)

Application

EP 13719893 A 20130318

Priority

- FR 1252444 A 20120319
- FR 2013050575 W 20130318

Abstract (en)

[origin: WO2013140079A1] A method for generating a public identity for authenticating an individual carrying an identification object, which method includes an initialisation phase comprising the following steps: - entering an initial biometric datum (Bio) of the individual; - generating a first key (Kbio) from the biometric datum; - generating a second key (KHW) derived from a datum (P1) generated by the security component of the object; - generating an initial encryption key combining said first key and said second key; - communicating with a server a first identity of the individual in connection with the initial encryption key; - generating by the server of a public identity by encrypting the first identity using the initial encryption key, said public identity being stored by the server in connection with the initial encryption key. The public identity is not significant, but is secured by the strong connection between the object and the biometry of the individual.

IPC 8 full level

G06F 21/32 (2013.01); **G06F 21/60** (2013.01); **G06F 21/62** (2013.01)

CPC (source: CN EP RU US)

G06F 21/32 (2013.01 - CN EP RU US); **G06F 21/34** (2013.01 - US); **G06F 21/35** (2013.01 - US); **G06F 21/6227** (2013.01 - CN EP RU US); **H04L 9/3231** (2013.01 - US); **H04L 9/3234** (2013.01 - US); **H04L 63/0861** (2013.01 - US); **H04W 12/068** (2021.01 - EP US)

Citation (search report)

See references of WO 2013140079A1

Citation (examination)

KEVENAAR T A M ET AL: "Face Recognition with Renewable and Privacy Preserving Binary Templates", AUTOMATIC IDENTIFICATION ADVANCED TECHNOLOGIES, 2005. FOURTH IEEE WORK SHOP ON BUFFALO, NY, USA 17-18 OCT. 2005, PISCATAWAY, NJ, USA, IEEE, 17 October 2005 (2005-10-17), pages 21 - 26, XP010856491, ISBN: 978-0-7695-2475-7

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 2988196 A1 20130920; **FR 2988196 B1 20140328**; BR 112014023361 A2 20201027; CN 104321777 A 20150128; CN 104321777 B 20191122; EP 2828788 A1 20150128; RU 2014142045 A 20160510; RU 2621625 C2 20170606; US 10007773 B2 20180626; US 2015046699 A1 20150212; WO 2013140079 A1 20130926

DOCDB simple family (application)

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