

Title (en)

CONTACTLESS BIOMETRIC AUTHENTICATION SYSTEM AND AUTHENTICATION METHOD

Title (de)

KONTAKTLOSES BIOMETRISCHES AUTHENTIFIZIERUNGSSYSTEM UND AUTHENTIFIZIERUNGSVERFAHREN

Title (fr)

SYSTEME D'AUTHENTIFICATION BIOMETRIQUE SANS CONTACT ET PROCEDE D'AUTHENTIFICATION

Publication

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Application

**EP 08870484 A 20081017**

Priority

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- FR 0707331 A 20071019

Abstract (en)

[origin: WO2009087311A1] The invention relates to an authentication system (1) including: one or more personal authentication devices (3, 4); a terminal (2) including biometric means (5, 6) adapted for generating biometric information of a user; wireless communication means (7) adapted for transmitting the biometric information to the personal authentication device (3, 4) without any contact between the personal authentication device (3, 4) and the terminal (2); the one or each personal authentication device (3, 4) including: a memory (10) for storing biometric information of the holder of the personal authentication device (3, 4); a processing means (11) for comparing the biometric information and the biometric data so as to authenticate a user; characterised in that the wireless communication means (7) is adapted for transmitting the biometric information to a plurality of personal authentication devices, each of the personal authentication devices (3, 4) including a wireless communication means (8) for the contactless transmission to the terminal (2) of positive authentication data in case of a positive comparison between the biometric information and the biometric data enabling the authentication of the user, and wherein the terminal is adapted so as to open a transaction session only with the personal device(s) having transmitted positive authentication data.

IPC 8 full level

**G06F 21/32** (2013.01); **G07C 9/00** (2006.01); **H04W 4/80** (2018.01)

CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2009087311A1

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**FR 2922672 A1 20090424**; **FR 2922672 B1 20110121**; AU 2008346319 A1 20090716; AU 2008346319 A2 20100701; AU 2008346319 B2 20140410; BR PI0818029 A2 20150324; BR PI0818029 A8 20170912; BR PI0818029 A8 20171010; CA 2702013 A1 20090716; CA 2702013 C 20160607; CN 101918985 A 20101215; CN 105119902 A 20151202; EA 020762 B1 20150130; EA 201070491 A1 20101029; EP 2201536 A1 20100630; JP 2011501285 A 20110106; JP 2014160472 A 20140904; KR 20100098371 A 20100906; NZ 584371 A 20120224; US 2010277278 A1 20101104; US 9092918 B2 20150728; WO 2009087311 A1 20090716

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