

Title (en)

AUTHENTICATION METHOD AND ARRANGEMENT FOR PERFORMING SUCH AN AUTHENTICATION METHOD AND CORRESPONDING COMPUTER PROGRAM AND CORRESPONDING COMPUTER-READABLE STORAGE MEDIUM

Title (de)

AUTHENTIFIZIERUNGSVERFAHREN UND ANORDNUNG ZUR DURCHFÜHRUNG EINES SOLCHEN AUTHENTIFIZIERUNGSVERFAHRENS SOWIE EIN ENTSPRECHENDES COMPUTERPROGRAMM UND EIN ENTSPRECHENDES COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)

PROCÉDÉ D'AUTHENTIFICATION ET SYSTÈME EN VUE DE L'EXÉCUTION DE CE PROCÉDÉ D'AUTHENTIFICATION, PROGRAMME INFORMATIQUE CORRESPONDANT ET SUPPORT CORRESPONDANT DE MÉMOIRE LISIBLE PAR ORDINATEUR

Publication

**EP 2215607 A1 20100811 (DE)**

Application

**EP 08847561 A 20081105**

Priority

- EP 2008065010 W 20081105
- DE 102007053736 A 20071107
- DE 102008011518 A 20080225
- DE 102008020792 A 20080422

Abstract (en)

[origin: WO2009060004A1] The invention relates to an authentication method and an arrangement for performing such an authentication method and to a corresponding computer program and a corresponding computer-readable storage medium, said method particularly providing a simple and very cost-effective method for the authentication of persons upon the usage of services with the aid of mobile standard terminals without technical expansions such as RFID equipment or the like. For this purpose, it is provided that in the authentication method a terminal (103) is used, which is equipped with a loudspeaker (109') and/or color display (109) and special software. In the authentication method, at least one authentication code is generated, first information is provided about the at least one authentication code to at least one user, and second information, which makes the terminal (103) suitable for outputting various tones and/or colors in a time sequence via the loudspeaker (109') or the color display (109), respectively, is prepared from the first information. A sensor (102, 102') for detecting the various tones and/or colors detects the time sequence of the various tones and/or colors, and an analysis unit, which is connected to the sensor (102, 102') and has access to the at least one authentication code, decodes the time sequence of the various tones and/or colors and compares the result of the decoding to the at least one authentication code. The usage of services is released as a function of the comparison result.

IPC 8 full level

**G07C 9/00** (2006.01); **G06F 21/35** (2013.01); **G06F 21/42** (2013.01)

CPC (source: EP US)

**G06F 21/35** (2013.01 - EP US); **G06F 21/42** (2013.01 - EP US); **G07C 9/20** (2020.01 - EP US); **G07C 9/27** (2020.01 - EP US); **G07C 9/29** (2020.01 - EP US); **G07C 2209/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2009060004A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2009060004 A1 20090514**; AU 2008324213 A1 20090514; AU 2008324213 A2 20100715; EP 2215607 A1 20100811; US 2012025950 A1 20120202

DOCDB simple family (application)

**EP 2008065010 W 20081105**; AU 2008324213 A 20081105; EP 08847561 A 20081105; US 74147008 A 20081105