

Title (en)

USER AUTHENTICATION BIOMETRICS IN MOBILE DEVICES

Title (de)

BENUTZERAUTHENTIFIZIERUNGSBIOMETRIK BEI MOBILVORRICHTUNGEN

Title (fr)

BIOMÉTRIQUE D'AUTHENTIFICATION D'UTILISATEUR DANS DES DISPOSITIFS MOBILES

Publication

**EP 3066614 A1 20160914 (EN)**

Application

**EP 14799292 A 20141030**

Priority

- US 201314071362 A 20131104
- US 201314071320 A 20131104
- US 201361900851 P 20131106
- US 201414178156 A 20140211
- US 2014063158 W 20141030

Abstract (en)

[origin: CN105745669A] An authentication process may involve presenting an image on a display device, such as an icon associated with an application, indicating an area for a user to touch. At least partial fingerprint data may be obtained during one or more finger taps or touches in the area. Based on a comparison of the partial fingerprint data and master fingerprint data of the rightful user, a control system may determine whether to invoke a function. Invoking the function may involve authorizing a commercial transaction or unlocking the display device. In some implementations, determining whether to invoke the function may be based on a level of security.

IPC 8 full level

**G06V 40/13** (2022.01)

CPC (source: EP KR US)

**G06Q 20/382** (2013.01 - KR); **G06Q 20/40145** (2013.01 - KR); **G06Q 20/403** (2013.01 - KR); **G06V 40/13** (2022.01 - EP US); **G06V 40/1306** (2022.01 - KR); **G06V 40/1365** (2022.01 - KR)

Citation (search report)

See references of WO 2015066330A1

Citation (examination)

JP 2007293539 A 20071108 - MATSUSHITA ELECTRIC IND CO LTD

Cited by

SE1751355A1; FR3120957A1; US11403867B2; WO2019088897A1; WO2022194865A1

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)

CN 105745669 A 20160706; EP 3066614 A1 20160914; JP 2017504853 A 20170209; KR 20160083032 A 20160711

DOCDB simple family (application)

CN 201480060897 A 20141030; EP 14799292 A 20141030; JP 2016527203 A 20141030; KR 20167014416 A 20141030