

Title (en)

METHOD AND SYSTEM FOR AUTHENTICATING USER USING OUT-OF-BAND CHANNEL

Title (de)

VERFAHREN UND SYSTEM ZUM AUTHENTIFIZIEREN EINES BENUTZERS UNTER VERWENDUNG EINES BANDEXTERNEN KANALS

Title (fr)

PROCÉDÉ ET SYSTÈME POUR L'AUTHENTIFICATION D'UN UTILISATEUR UTILISANT UN CANAL HORS BANDE

Publication

EP 3017391 A4 20161228 (EN)

Application

EP 14820320 A 20140703

Priority

- US 201361842386 P 20130703
- CN 2014081588 W 20140703

Abstract (en)

[origin: WO2015000425A1] The user authentication method comprises : a central processing server generates an encoded data, such as a QR code, from encoding a session number, which can be randomly generated; a first client computing device displays a login page that includes the QR code to a user for authentication; the user uses a mobile communication that has already been registered and paired with the user account stored in the central processing server to image-capture the QR code, and sends the decoded QR code data to the central processing server; the central processing server validates the decoded QR code data against the session number; upon a positive validation, the user may need to enter his/her security PIN according to configuration in the second mobile communication and be sent to the central processing server for validation; and upon a positive validation, the user authentication is completed.

IPC 8 full level

G06F 21/36 (2013.01); **G06F 21/42** (2013.01); **H04L 29/06** (2006.01); **H04W 12/06** (2009.01)

CPC (source: EP)

G06F 21/42 (2013.01); **H04L 63/0853** (2013.01); **H04L 63/18** (2013.01); **H04W 12/06** (2013.01); **H04L 63/083** (2013.01); **H04W 12/77** (2021.01)

Citation (search report)

- [X1] US 2013167208 A1 20130627 - SHI JIAZHENG [US]
- [A] EP 2602735 A1 20130612 - RESEARCH IN MOTION LTD [CA]
- [A] US 2012124651 A1 20120517 - GANESAN RAVI [US], et al
- See references of WO 2015000425A1

Cited by

GB2558789A; GB2558789B

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

DOCDB simple family (publication)

WO 2015000425 A1 20150108; CN 105556531 A 20160504; EP 3017391 A1 20160511; EP 3017391 A4 20161228

DOCDB simple family (application)

CN 2014081588 W 20140703; CN 201480038231 A 20140703; EP 14820320 A 20140703