

(19)



(11)

EP 3 401 906 A1

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

14.11.2018 Bulletin 2018/46

(51) Int Cl.:

G10L 17/24 ^(2013.01)

G10L 15/02 ^(2006.01)

G10L 17/04 ^(2013.01)

(21) Application number: **18180247.1**

(22) Date of filing: **27.03.2015**

(84) Designated Contracting States:

**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 Validation States:

MA

(30) Priority: **01.04.2014 US 201414242098**

30.07.2014 US 201414447115

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:

16182982.5 / 3 154 056

15716937.6 / 3 090 428

(71) Applicant: **Google LLC**

Mountain View, CA 94043 (US)

(72) Inventors:

- **ROBLEK, Dominik**
Mountain View, CA California 94043 (US)
- **SHARIFI, Matthew**
Mountain View, CA California 94043 (US)

(74) Representative: **Clark, Jonathan Lister et al**

Venner Shipley LLP

200 Aldersgate

London EC1A 4HD (GB)

Remarks:

This application was filed on 27-06-2018 as a
divisional application to the application mentioned
under INID code 62.

(54) SEGMENT-BASED SPEAKER VERIFICATION USING DYNAMICALLY GENERATED PHRASES

(57) Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for verifying an identity of a user. The methods, systems, and apparatus include actions of receiving a request for a verification phrase for verifying an identity of a user. Additional actions include, in response to receiving the request for the verification phrase for verifying the identity of the user, identifying subwords to be included in the verification phrase and in response to identifying the subwords to be included in the verification phrase, obtaining a candidate phrase that includes at least some of the identified subwords as the verification phrase. Further actions include providing the verification phrase as a response to the request for the verification phrase for verifying the identity of the user.

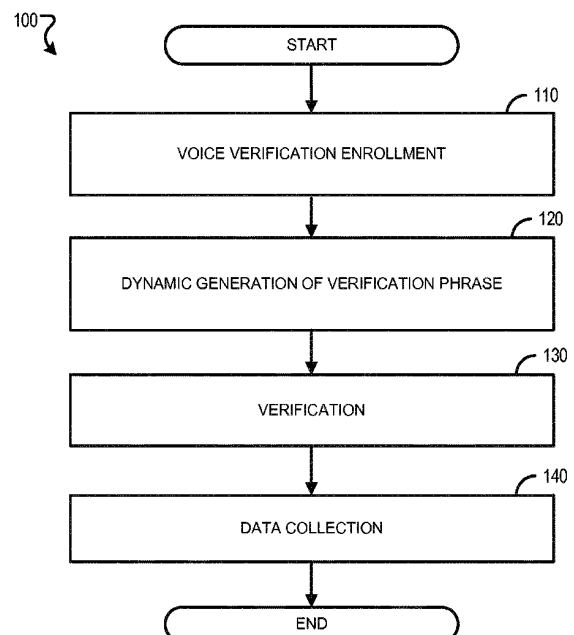


FIG. 1

EP 3 401 906 A1