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CORRECTED EUROPEAN PATENT APPLICATION (12)

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- (71) Applicant: Google LLC Mountain View, CA 94043 (US)
- (72) Inventors:
 - · SHARIFI, Matthew Mountain View, CA California 94043 (US)

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- WANG, Kai Mountain View, CA California 94043 (US)
- · PETROU, David Mountain View, CA California 94043 (US)
- (74) Representative: Derry, Paul Stefan et al Venner Shipley LLP 200 Aldersgate London EC1A 4HD (GB)

Remarks:

- •This application was filed on 02-10-2020 as a divisional application to the application mentioned under INID code 62.
- •Claims filed after the date of filing of the application (Rule 68(4) EPC).

(54)SCREEN-ANALYSIS BASED DEVICE SECURITY

(57)Systems and methods are provided for a content-based security for computing devices. An example method includes identifying content rendered by a mobile application, the content being rendered during a session, generating feature vectors from the content and determining that the feature vectors do not match a classification model. The method also includes providing, in response to the determination that the feature vectors do not match the classification model, a challenge configured to authenticate a user of the mobile device. Another example method includes determining a computing device is located at a trusted location, capturing information from a session, the information coming from content rendered by a mobile application during the session, generating feature vectors for the session, and repeating this until a training criteria is met. The method also includes training a classification model using the feature vectors and authenticating a user of the device using the trained classification model.

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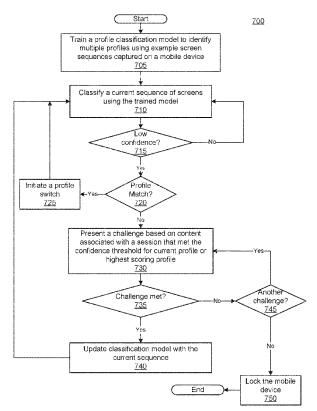


FIG. 7