

Title (en)
ANTI-REPLAY AUTHENTICATION SYSTEMS AND METHODS

Title (de)
AUTHENTIFIZIERUNGSSYSTEME UND -VERFAHREN MIT WIEDERGABESCHUTZ

Title (fr)
SYSTÈMES ET PROCÉDÉS D'AUTHENTIFICATION ANTI-RÉINSERTION

Publication
EP 3841508 A4 20220420 (EN)

Application
EP 19852934 A 20190823

Priority

- US 201862722629 P 20180824
- US 2019047964 W 20190823

Abstract (en)
[origin: WO2020041739A1] Systems and methods for authentication with resistance to replay attacks are provided. A device may be used to capture image data of a user to authenticate or identify the user. Authentication information may be obtained by processing and analyzing the captured image data. Data about a state of the imaging device and the captured image data may be used for fraud detection. The data may be collected when the image data is processed and analyzed. The state of the imaging device and captured image data are unlikely to be repeated. The detected repetition of a state of the imaging device and captured image data may be a cause for increasing the likelihood that a replay attack is taking place. The device may be used to perform a transaction.

IPC 8 full level
G06F 21/30 (2013.01); **G06F 21/31** (2013.01); **G06F 21/32** (2013.01); **G06F 21/64** (2013.01); **G06K 7/14** (2006.01); **G06K 19/06** (2006.01); **G06Q 20/40** (2012.01); **G06T 1/00** (2006.01); **G06V 30/40** (2022.01); **G06V 30/41** (2022.01); **G06V 40/16** (2022.01); **G06V 40/40** (2022.01)

CPC (source: EP US)
G06F 21/31 (2013.01 - EP US); **G06F 21/32** (2013.01 - EP); **G06F 21/64** (2013.01 - EP); **G06Q 20/4014** (2013.01 - EP); **G06Q 20/4016** (2013.01 - EP); **G06Q 20/409** (2013.01 - EP); **G06Q 20/4093** (2013.01 - EP); **G06V 30/40** (2022.01 - EP US); **G06V 30/41** (2022.01 - EP US); **G06V 40/172** (2022.01 - EP US); **G06V 40/179** (2022.01 - EP US); **G06V 40/40** (2022.01 - EP US)

Citation (search report)

- [XII] US 2014230046 A1 20140814 - DEWAN PRASHANT [US], et al
- [XI] US 8983207 B1 20150317 - RAN ALEXANDER S [US], et al
- [XI] US 2016182505 A1 20160623 - HOYOS HECTOR [US]
- See references of WO 2020041739A1

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 2020041739 A1 20200227; EP 3841508 A1 20210630; EP 3841508 A4 20220420; JP 2021536601 A 20211227

DOCDB simple family (application)
US 2019047964 W 20190823; EP 19852934 A 20190823; JP 2021510163 A 20190823