

Title (en)  
IMPROVED AUTHENTICATION METHOD

Title (de)  
VERBESSERTES AUTHENTIFIZIERUNGSVERFAHREN

Title (fr)  
PROCEDER D'AUTHENTIFICATION PERFECTIONNE

Publication  
**EP 4026053 A1 20220713 (FR)**

Application  
**EP 20781045 A 20200813**

Priority

- FR 1909856 A 20190907
- FR 1910111 A 20190912
- FR 2006356 A 20200618
- FR 2020000221 W 20200813

Abstract (en)  
[origin: WO2021044082A1] The photographic acquisition method known as "killing the ambient light" and consisting of calculating the difference between two acquisitions of the same scene is known, particularly when it is applied to authentication by an authentication device equipped with a means, termed a marker, allowing the position to be determined in three dimensions, in which the photographic acquisition means are located, one under a given lighting and the other with an additional lighting. The change in lighting conditions must be carried out at the fastest possible pace, so that the acquisition device does not move between the two successive shots even if it is held in the hand, and so that the scene does not have time to change either. For this, an image is acquired as soon as the modification of the lighting conditions enables this marker to be recognised.

IPC 8 full level  
**G07D 7/20** (2016.01)

CPC (source: EP US)  
**G06V 10/225** (2022.01 - EP US); **G06V 10/60** (2022.01 - EP US); **G07D 7/12** (2013.01 - EP); **G07D 7/20** (2013.01 - EP US);  
**G06V 10/19** (2022.01 - EP US)

Citation (search report)  
See references of WO 2021044082A1

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)  
**WO 2021044082 A1 20210311**; EP 4026053 A1 20220713

DOCDB simple family (application)  
**FR 2020000221 W 20200813**; EP 20781045 A 20200813