

Title (en)

METHOD FOR AUTHENTICATING AND/OR VALIDATING THE IDENTITY OF AN OBJECT

Title (de)

VERFAHREN ZUR AUTHENTIFIZIERUNG UND/ODER VALIDIERUNG EINER IDENTITÄT EINES OBJEKTES

Title (fr)

PROCÉDÉ D'AUTHENTIFICATION ET/OU DE VALIDATION DE L'IDENTITÉ D'UN OBJET

Publication

EP 4374551 A1 20240529 (DE)

Application

EP 22751029 A 20220712

Priority

- DE 102021118971 A 20210722
- EP 2022069445 W 20220712

Abstract (en)

[origin: WO2023001632A1] The invention relates to a method for authenticating and/or validating the identity of an object and information on the object. The identity and the information on the object are stored on at least two data storage devices, preferably three, four, or more storage devices, of a respective marking, and the data storage devices are contactlessly read by a reading device. In the process, the markings can be read in any permutation on the object. Data sets comprising multiple data elements are stored on the data storage devices in a defined sequence, wherein the data elements comprise the identity or information on the object and the marking, and/or the data elements comprise a plurality of directly accessible authentication codes. Each data element is assigned a permutation of markings, whereby an individual directly accessible authentication code is provided for the authentication and/or validation process.

IPC 8 full level

H04L 9/40 (2022.01); **G06F 21/35** (2013.01); **G06K 19/077** (2006.01); **H04L 67/12** (2022.01); **H04W 4/80** (2018.01); **H04W 12/06** (2021.01);
H04W 12/108 (2021.01)

CPC (source: EP US)

G06F 21/44 (2013.01 - EP); **G06K 7/10366** (2013.01 - US); **H04L 63/08** (2013.01 - EP); **H04L 63/126** (2013.01 - EP); **H04L 67/12** (2013.01 - EP);
H04W 4/80 (2018.02 - EP); **H04W 12/06** (2013.01 - EP US); **H04W 12/108** (2021.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021118971 A1 20230126; DE 102021118971 A9 20230406; AU 2022314153 A1 20240307; EP 4374551 A1 20240529;
US 2024251240 A1 20240725; WO 2023001632 A1 20230126

DOCDB simple family (application)

DE 102021118971 A 20210722; AU 2022314153 A 20220712; EP 2022069445 W 20220712; EP 22751029 A 20220712;
US 202218291006 A 20220712