

Title (en)

Systems and methods for authenticating, identifying or marking objects or individuals using dynamic security features

Title (de)

Systeme und Verfahren zur Authentifizierung, Identifizierung oder Markierung von Gegenständen oder Personen mit dynamischen Sicherheitsmerkmalen

Title (fr)

Systèmes et procédés permettant l'authentification, l'identification ou le marquage d'objets ou d'individus au moyen de caractéristiques de sécurité dynamiques

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to a system and method for authenticating, identifying or marking objects or individuals, by providing security features on a display or surface for displaying a readable information pattern, consisting of at least one string of digits with numbers, symbols, letters and/or dots. The system and method triggers dynamic modifications of one or more digits within the string, which renders a readable digit into an unreadable digit. An object or individual is authenticated, authorised or marked when the readable and unreadable digits of the modified information pattern and the information pattern stored in a database have been changed, replaced or deleted in accordance with object-specific underlying command rules.

IPC 8 full level

G07D 7/00 (2006.01)

CPC (source: EP)

G07D 7/0047 (2017.04); **G07D 7/0054** (2017.04)

Citation (applicant)

- DE 102004045211 A1 20060330 - OVD KINEGRAM AG ZUG [CH]
- DE 102005030626 A1 20070104 - BUNDESDRUCKEREI GMBH [DE]
- JP 2010286920 A 20101224 - MITSUBISHI ELECTRIC CORP
- DE 202005005130 U1 20050602 - BIESS TEXTIL APPLIKATIONEN GMB [DE]
- US 2012088079 A1 20120412 - DOWNING ELIZABETH A [US], et al
- US 2009074229 A1 20090319 - GIERING THOMAS [DE], et al

Citation (search report)

- [A] WO 2012109294 A1 20120816 - VIDEOJET TECHNOLOGIES INC [US], et al
- [A] WO 2011138515 A1 20111110 - HONNORAT RECH S & SERVICES [FR], et al

Cited by

WO2017108428A1; EP3185221A1

Designated contracting state (EPC)

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