

Title (en)  
CRYPTOANCHOR READER

Title (de)  
KRYPTOANKERLESER

Title (fr)  
LECTEUR DE CRYPTOANCRE

Publication  
**EP 4029193 A1 20220720 (EN)**

Application  
**EP 20863691 A 20200910**

Priority  
• US 201962898348 P 20190910  
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Abstract (en)  
[origin: CN114375561A] A unique physical unclonable (PUF) functional object may be produced by molding or extruding specific particles that produce measurable physical properties on the surface. The magnetized particles form a unique measurable magnetic "fingerprint" based on the random size, position, polarity rotation, magnetization level, particle density, etc. of the particles. The PUF objects may also vary in other physical properties by mixing with magnetic, conductive (magnetic or non-magnetic), optically reflective or shaped, varying density or mechanical properties, resulting in random reflection, diffusion or absorption of acoustic energy particles in the matrix or adhesive. The invention envisages sensing any of these characteristics.

IPC 8 full level  
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DOCDB simple family (application)  
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