

What are chemical and physical anti-counterfeiting technologies?

Chemical and physical anti-counterfeiting technologies use special substances to mark and verify objects. They exploit the inherent randomness of the patterns produced when certain chemical processes occur. The main purpose of these technologies is authentication without simultaneous unique product identification.

What is the anti-counterfeiting technology guide?

Technology offers numerous solutions to protect ownership rights and defend legitimate supply chains. However, the market for anti-counterfeiting technologies is broad and complex. The technologies are evolving fast and information about them is not easily accessible. That is where the Anti-Counterfeiting Technology Guide (or ACT Guide) comes in.

How to verify a product's authenticity?

In order to verify a product's authenticity, a special reading device will analyse its signature both two-dimensionally and three-dimensionally, and compare it to the signatures in the database. This technology can be used to secure a wide variety of products against counterfeiting, as it is compatible with many different types of material.

Who developed the anti-counterfeiting technology guide?

The EGACT produced the first version of the guide that explained the existing anti-counterfeiting technologies (knowledge base). Observatory adapted that document into the present Guide for SMEs and general users. The Expert Group on the Impact of Technologies collaborated in the validation of some of the technologies.

What are the different types of anti-counterfeiting technologies for digital media?

a machine-readable format. It includes There are four types of anti-counterfeiting technologies for digital media which fall into two main categories: digital rights management (DRM) systems and automatic content recognition technologies. DRM systems are designed to combat large-scale counterfeiting of audiovisual works.

What is anti-counterfeiting content recognition?

The anti-counterfeiting Automatic content recognition technologies in general aim to identify content that is in a media file or being played on a device. They are developed for a variety of purposes, intellectual property protection being just one of them.

Presently, Nigeria has no specific anti-counterfeiting law - at least, not one broad enough to cover all classes of goods and all species of anti-counterfeiting. Hence, the fight against counterfeits ...

Currently, blockchain-based solutions for drug traceability encounter challenges related to counterfeit drug

prevention, user identity verification, and scalability. This paper ...

Aimed at traders and businesses of all sizes, it guides them through the main types of anti-counterfeiting and anti-piracy technologies, including electronic identification or tracking ...

Security code: 315 commodity information Verification center Security tips Check the label integrity, scraping/uncovered the anti-counterfeit labels. In the input box above in turn correctly enter the security code above. Verify the security code ...

We provide product anti-counterfeiting query function, input product anti-counterfeiting code can be queried. The query results can see the "official product" and factory date information. If the ...

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