

Title (en)  
METHODS FOR IDENTIFICATION AND VERIFICATION

Title (de)  
VERFAHREN ZUR IDENTIFIZIERUNG UND VERIFIZIERUNG

Title (fr)  
METHODES D'IDENTIFICATION ET DE VERIFICATION

Publication  
**EP 1386144 A4 20050921 (EN)**

Application  
**EP 02723211 A 20020116**

Priority  

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- US 76654201 A 20010119
- US 678201 A 20011205

Abstract (en)  
[origin: WO02068945A1] Apparatus and methods in which one or more taggants that are intrinsically located-or extrinsically placed-in an object (11), such as a personal identification device like a badge, a plastic material, or a secure document. The taggants are detected by x-ray fluorescence analysis (20, 21) to identify or verify the object or its point of manufacture. The taggants are manufactured as part of the article or the taggant is placed into a coating, label, or otherwise embedded within the object for the purpose of later verifying the presence or absence of these elements by x-ray fluorescence, thus determining the unique elemental composition of the taggant within the object.

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**G01N 23/223**

IPC 8 full level  
**G06K 7/10** (2006.01)

CPC (source: EP)  
**G06K 7/10** (2013.01)

Citation (search report)  

- [X] US 5278885 A 19940111 - DAVIS JAMES A [US], et al
- [X] US 2957079 A 19601018 - EDHOLM ROLF G
- [X] US 4136778 A 19790130 - WORTMAN JIMMIE J, et al
- [PX] WO 0125747 A2 20010412 - EDAX INC [US], et al
- See references of WO 02068945A1

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