

Title (en)

METHOD OF AUTHENTICATING A TAG

Title (de)

VERFAHREN ZUM AUTHENTIFIZIEREN VON ETIKETTEN

Title (fr)

PROCEDE D'AUTHENTIFICATION D'UNE ETIQUETTE

Publication

**EP 1257974 A1 20021120 (EN)**

Application

**EP 00936230 A 20000523**

Priority

- US 0014191 W 20000523
- US 49890200 A 20000204

Abstract (en)

[origin: WO0157807A1] A method is disclosed for authenticating, for example, radio frequency identification (RFID) tags by providing an RFID tag having a stored security block that is cryptographically related to the tag address, obtaining the tag address from the tag, cryptographically transforming at least the tag address and a private data set to obtain a security block, and then comparing that security block to the stored security block. If the two security blocks match, then the tag can be presumed to be authentic. Alternatively, the stored security block can be cryptographically transformed using at least a private data set to obtain a tag address, and that tag address can then be compared with the stored tag address. If the two tag addresses match, then the tag can be presumed to be authentic.

IPC 1-7

**G07C 9/00; G07F 7/10**

IPC 8 full level

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CPC (source: EP KR)

**G06F 17/00** (2013.01 - KR); **G06Q 20/341** (2013.01 - EP); **G07C 9/28** (2020.01 - EP); **G07F 7/082** (2013.01 - EP); **G07F 7/1008** (2013.01 - EP); **H04L 9/06** (2013.01 - KR)

Citation (search report)

See references of WO 0157807A1

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