

Title (en)

METHOD AND DEVICE FOR ANONYMOUS SIGNATURE WITH A SHARED PRIVATE KEY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANONYMEN UNTERSCHRIFT MITTELS EINES GEMEINSAMEN PRIVATEN SCHLÜSSELS

Title (fr)

PROCEDE ET DISPOSITIF DE SIGNATURE ANONYME AU MOYEN D' UNE CLEF PRIVEE PARTAGEE

Publication

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Application

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Abstract (en)

[origin: WO03061193A1] The invention concerns a method and a system for anonymous cryptographic signature of a message. The method consists in completing the anonymous signature which is calculated (13) with a private key common to the set of members of a group authorized to sign and unknown to all revoked members. Said private key is updated (8, 11) at group level upon each revocation within the group and at member level only upon anonymous signature of a message by said member. The system consists of as many cards as there are members in a group and a device comprising a first calculating means.

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IPC 8 full level

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