

Title (en)

METHOD, PARTICIPATING UNIT, TRANSACTION REGISTER, AND PAYMENT SYSTEM FOR MANAGING TRANSACTION DATA SETS

Title (de)

VERFAHREN, TEILNEHMEREINHEIT, TRANSAKTIONSREGISTER UND BEZAHLSYSTEM ZUM VERWALTEN VON
TRANSAKTIONS DATENSÄTZEN

Title (fr)

PROCÉDÉ, UNITÉ PARTICIPANTE, REGISTRE DE TRANSACTION ET SYSTÈME DE PAIEMENT POUR GÉRER DES ENSEMBLES DE
DONNÉES DE TRANSACTION

Publication

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Application

EP 21739315 A 20210630

Priority

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- EP 2021068064 W 20210630

Abstract (en)

[origin: CA3184856A1] The invention relates to a method in a first participating unit, preferably a first security element, having an electronic coin data set which is registered in a coin register of a payment system. The method has the steps of: generating a transaction data set relating to the transmission of the electronic coin data set to a second participating unit, preferably a second security element, or relating to a modification of the electronic coin data set, said modification to be registered on the coin register; encrypting the generated transaction data set using a cryptographic key, wherein the cryptographic key is composed of at least two cryptographic sub-keys, preferably at least three cryptographic sub-keys, of different respective remote entities; and initiating a communication connection to a transaction register of the payment system in order to transmit the encrypted transaction data set to the transaction register. The invention additionally relates to a participating unit, to a method in a transaction register, to a transaction register, and to a payment system.

IPC 8 full level

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