

Title (en)
METHOD FOR DIRECTLY TRANSMITTING ELECTRONIC COIN DATA SETS BETWEEN TERMINALS AND A PAYMENT SYSTEM

Title (de)
VERFAHREN ZUM DIREKTEN ÜBERTRAGEN VON ELEKTRONISCHEN MÜNZDATENSÄTZEN ZWISCHEN ENDGERÄTEN SOWIE BEZAHLSYSTEM

Title (fr)
PROCÉDÉ POUR LE TRANSFERT DIRECT DE JEUX DE DONNÉES ÉLECTRONIQUES DE MONNAIE ENTRE DES TERMINAUX AINSI QUE SYSTÈME DE PAIEMENT

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Application
EP 20719977 A 20200414

Priority

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Abstract (en)
[origin: WO2020212337A1] The invention relates to a method for directly transmitting an electronic coin data set between a first and a second terminal, said method comprising the following steps performed by the second terminal: receiving the electronic coin data set from the first terminal, the at least one electronic coin data set having a monetary value and a concealment value; generating a modified electronic coin data set using the received electronic coin data set; masking the modified electronic coin data set by applying a homomorphous one-way function to the modified electronic coin data set in order to obtain a masked, modified electronic coin data set; and sending a registration request for the masked, modified electronic coin data set to a monitoring authority. The invention additionally relates to a currency system and a payment system having a decentrally controlled database in the masked electronic coin data sets; and a direct transaction layer with at least two terminals, in which the method can be performed.

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Citation (search report)
See references of WO 2020212337A1

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