

Title (en)
METHOD AND SYSTEM FOR INFORMATION TRANSMISSION

Title (de)
VERFAHREN UND SYSTEM ZUR INFORMATIONSPÜBERMITTLUNG

Title (fr)
PROCÉDÉ ET SYSTÈME DE TRANSMISSION D'INFORMATIONS

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Application
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Abstract (en)
[origin: WO2020144123A1] The invention relates to a method and system for information transmission, wherein a piece of electronic information (2) is transmitted from a transmission terminal (3) of a transmitter (S) to a receiver terminal (31) of a receiver (E), comprising the following steps: - a first transaction step (c), in which a first data record (22) is generated by the transmission terminal (3), said data record having at least one hash value (13, 14, 20), and the first data record (22) is transferred to a blockchain (16), - a first verification step (d), in which the first data record (22) in the blockchain (16) is verified and stored as a first verified data record (6), - a second transaction step (l), in which a second data record (7) is generated by the receiver terminal (31), said second data record having at least one public receiver key (17a) or a receiver identification (25), and the second data record (7) is transferred to the blockchain (16), - a second verification step (m), in which the second data record (7) in the blockchain (16) is verified and stored as a second verified data record (8), - a data encryption step (o, t, u), in which encrypted data (18, 19, 26) are generated by the transmission terminal (3) by means of the public receiver key (17a), - a transmission step, in which the encrypted data (18, 19, 26) are transmitted to the receiver terminal (31), and - a data decryption step (v, w, y), in which the piece of electronic information (2) is made accessible to the receiver (E) by the encrypted data (18, 19, 26) being decrypted by the receiver terminal (31) by means of a private receiver key (17b).

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