

Title (en)

A SYSTEM AND METHOD FOR SELECTIVE TRANSPARENCY FOR PUBLIC LEDGERS

Title (de)

SYSTEM UND VERFAHREN ZUR SELEKTIVEN TRANSPARENZ FÜR ÖFFENTLICHE LEDGER

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRANSPARENCE SÉLECTIVE DE REGISTRES PUBLICS

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Application

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Abstract (en)

[origin: WO2020180487A1] Described is a system for selective transparency in a public ledger. In operation, a first submission by a first entity is logged to the public ledger. The submission is a data entry with a message M and an identification number (ID). Separately, a linkage by a second entity is recorded. The linkage is an encryption and commitment linking the submission by the first entity to a second submission by the second entity. The linkage can be verified through a series of processes, such as by determining a value of linkage verification information. The value of the linkage verification information and corresponding block number is then transmitted to a third entity. The third entity reads the commitments from block Nt and verifies that the commitments are commitments to the same ID using the linkage verification information.

IPC 8 full level

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