METHODS AND SYSTEMS FOR
IDENTITY CREATION, VERIFICATION AND MANAGEMENT

ABSTRACT

An embodiment of a method of providing identity services includes: receiving identity data for an individual for which the identity provider has provided an identity; generating a transaction to store an identifier representing the identity data in a data structure on a blockchain of a distributed system; sending the transaction to at least one node of the distributed system; and generating an identity token incorporating the identifier representing the identity data. An embodiment of a method of verifying an identity includes: receiving data extracted from the identity token, wherein the extracted data includes an identifier representing the identity data; determining whether a data structure containing the extracted identifier representing the identity data is stored on a blockchain of a distributed system; and outputting an indication of a validity of an identity associated with the identity data based on the determination.

Figure 1