DATA STORAGE SYSTEM AND METHOD FOR CONTROLLING ACCESS TO DATA STORED IN A DATA STORAGE

Aspects concern a data storage system comprising a data storage for storing data comprising a plurality of data elements, wherein each data element is associated with a data storage table, a data storage access interface configured to receive a request for an access to a data element from a data access client wherein the request comprises a identifier of the storage location of the data element and an access controller configured to determine a data storage table with which the data element is associated from the identifier of the storage location, determine whether the data access client has access rights to the determined data storage table allowing the access to the data element and grant the data access client access to the data element if the data access client has access rights to the determined data storage table allowing the access to the data element.

FIG. 4