

Abstract**Access system for users of a refuse container and method for operating an access system for refuse containers**

The present invention relates to a system (1) for checking and controlling access for a user to a refuse container (2), comprising a refuse container (2) having an electronic control unit (3) that comprises a first communication interface (4) for sending and receiving data and a server (5) that is arranged at a distance from the refuse container and comprises a second communication interface (6), an authentication manager (7) and a database (8), it being possible to initiate a transfer of data (11) between the first communication interface (4) and a third communication interface (10) of a communication apparatus (9), which apparatus can be assigned to a user, in order to identify a user before using the refuse container (2), the authentication manager (7) assigning user data (12) from the database (8) to the data (11) and giving or denying access to said refuse container (2) for said user on the basis of this assignment, the first communication interface (4) not comprising any devices for directly transferring data to the second communication interface (6), the communication apparatus (9) that can be assigned to the user comprising an interface device, via which indirect data transfer between the first communication interface (4) and the second communication interface (6) can be initiated. The invention also relates to a method for checking and controlling access for a user to a refuse container.

(Fig. 1)