

ABSTRACT

A locking and unlocking system (1) includes: a portable terminal (20); a key unit (12); and a locking and unlocking device (11) of a vehicle (10) or facilities. The portable terminal (20) includes a first sending unit sending first authentication information to the key unit (12). The key unit (12) includes: a first storage unit; a first authentication unit performing authentication based on the first authentication information; a decryption unit decrypting second authentication information when the authentication by the first authentication unit is successful; and a second sending unit sending the second authentication information to the locking and unlocking device (11). The locking and unlocking device (11) includes: a second authentication unit performing authentication based on the second authentication information; and a locking and unlocking unit locking or unlocking the vehicle (10) or the facilities when the authentication by the second authentication unit is successful.

Selected drawing: FIG. 1