

CONTROL APPARATUS FOR MECHANICAL PARKING LOT, CONTROL METHOD
THEREFOR, AND MECHANICAL PARKING LOT

{Abstract}

A control apparatus (40) is provided with an external control panel (14) that is provided outside a storage/removal door (12) and that is used for performing an authentication operation of a user, a start-up operation of a mechanical parking lot (1), opening/closing operation of the storage/removal door (12), and so forth; a portable authentication medium (70) that stores authentication information specific to the user and that allows the user to operate the external control panel (14) when brought into an external authentication area (A1) formed in a limited area in the vicinity of the external control panel (14); an external-authentication-area antenna (61) that forms the external authentication area (A1), detects the portable authentication medium (70) brought into the external authentication area (A1), and emits an external authentication signal (SIG. 1) on the basis of the authentication information specific to the portable authentication medium (70); and a main control portion (41) that permits the user to operate the external control panel (14), on the condition that the external authentication signal (SIG. 1) is being received.

FIGURE 5