

OTP device and method for blind persons

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Technology description

1. Technical overview

The technique relates to a method and apparatus for inputting a password through a sensory recognition method and identifying the number of a visually impaired person so that a transaction can be generated from the OPT. This is done through Braille or similar sensory recognition devices with similar functions.

two. The impact of technology

By providing methods and devices for using OTP through perceptual recognition, visually impaired people can directly enter passwords and enhance security.

3. Technical content

The OPT device (100) of the technology includes:

- A) A controller (110) that generates a OTP control signal when the personal password entered through the input / output unit is equal to the previously stored password.
- B) OTP generating unit (120) for generating OTP numbers from OTP control signals of the control unit (110)
- C) the receiving unit (130) receives the generated OPT number and transmits the mapped value of the corresponding OTP number to the operating cylinder unit (140) based on the predetermined mapping value.
- D) A cylindrical unit (140) for transmitting the mapping value of the OPT number to the upper input / output unit (150)
- E) the input / output unit 150 for outputting the mapping value of the OPT number using the sensory recognition type button.

Application area

Aging-friendly industries, rehabilitation and welfare industries, etc

Institution

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