

Title (en)

DRIVING MECHANISM AND SMALL-SIZED UNIVERSAL ELECTRONIC LOCK ADOPTING THE SAME

Title (de)

ANTRIEBSMECHANISMUS UND KLEINES UNIVERSELLES ELEKTRONISCHES SCHLOSS MIT ANWENDUNG DAVON

Title (fr)

MÉCANISME D'ENTRAÎNEMENT ET VERROU ÉLECTRONIQUE UNIVERSEL DE PETITE TAILLE L'UTILISANT

Publication

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Application

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Abstract (en)

[origin: EP4159960A1] The present invention belongs to the field of door locks, in particular relates to a driving mechanism and a small-sized universal electronic lock adopting the same. The electronic lock includes the driving mechanism and a power supply assembly; the driving mechanism is electrically connected with the power supply assembly; the driving mechanism includes a driving member used to be connected with an external lock cylinder and a motor assembly used for driving the driving member to move so as to drive the external lock cylinder to rotate; and the power supply assembly, the motor assembly and the driving member are sequentially arranged, the power supply assembly is electrically connected with the motor assembly, and the motor assembly is connected with the driving member in a transmission manner. In the present invention, the electronic lock is small in size, convenient to transport and mount, and lower in cost. Moreover, based on the arrangement that the motor assembly is directly disposed on a side of the power supply assembly, when the motor assembly is electrically connected with the power supply assembly, the phenomenon that a conducting wire between the motor assembly and the power supply assembly is overlong due to an overlong distance therebetween can be avoided, and the position of the conducting wire can be more conveniently set, so that the electronic lock is more convenient to mount.

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