

METHOD AND SYSTEM FOR OPERATING INTERNET OF THINGS DEVICE

ABSTRACT

Disclosed is a method for operating an Internet of Things device, comprising: user equipment receives an operation instruction for an Internet of Things device from a user; the user equipment identifies a biometric feature of the user; the user equipment verifies the identity of the user based on the biometric feature; if the identity of the user is verified successfully, the user equipment signs the operation instruction by using a first user key of the user; the user equipment transmits the signed operation instruction to the Internet of Things device; the Internet of Things device verifies the signature for the signed operation instruction by using a second user key of the user, wherein the second user key and the first user key constitute a key pair; and if the signature is successfully verified, the Internet of Things device executes the operation instruction. Also disclosed are a method executed by the user equipment, a method executed by the Internet of Things device, and a corresponding system.

Figure 4