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Smart Card Operating System and Operating Process

Abstract

5 The present invention relates to a smart card operating system and process, when the system is powered on, the operation mode selecting module judges the power supply manner for the system, and selects a first operation mode when the power is supplied from a non-contact power source, and selects a second operation mode when the power is supplied from a contact power source; in the first operation mode, a command processing module separately processes a non-contact command received by a non-contact communication module; in a second operation mode, the command
10 processing module processes in parallel a contact command received by a contact communication module and a non-contact command received by a non-contact communication module. The smart card operating system is able to support simultaneously a contact communication and a non-contact communication in use of the technical solution of the present invention, which greatly enhances the application
15 flexibility of the smart card.

Figure 1.