

Abstract

Improved execution of an operation in a secure element

The present invention relates to the management of the execution of resource-intensive operations within a secure element. The operation is formed of a plurality of elementary operations. In order to prevent the operation from monopolizing resources over a long period while high responsiveness of the secure element is sought, in particular in 5G-related technologies, provision is made, upon receipt of an APDU command from a host equipment, to trigger a time counter in order to determine an actual processing duration to process the APDU command. If this duration proves to be less than a predefined duration allocated to the APDU command, one or more of said elementary operations may be executed during the remaining time of said allocated duration. Upon expiry of this allocated duration, the secure element sends a response to the APDU command. The operation may thus be executed gradually without preventing the secure element from being highly responsive to received APDU commands.

Figure 5