ABSTRACT

A terminal, a power adapter, and a method for handling a charging anomaly are provided. The terminal includes a battery and a charging interface. The terminal forms a charging loop with the power adapter via the charging interface. The terminal also includes a communication unit, an anomaly detection unit, and an anomaly handling unit. The communications unit receives charging parameter information from the power adapter. The handling detection unit determines whether an anomaly occurs on the charging loop according to the charging parameter information. When the anomaly occurs on the charging loop, the anomaly handling unit controls the charging loop to enter into a protection state. Therefore, the security of the charging process is improved.

ABSTRACT

A terminal, a power adapter, and a method for processing a charging exception. The terminal (10) comprises a battery (11) and a charging interface (12). The terminal (10) forms a charging loop with the power adapter (20) through the charging interface (12), so as to charge the battery (11). The terminal (10) also comprises a communications unit (13), an exception detection unit (14), and an exception processing unit (15). The communications unit (13) receives charging parameter information from the power adapter (20). The exception detection unit (14) determines whether an exception occurs on the charging loop according to the charging parameter information. When the exception occurs on the charging loop, the exception processing unit (15) controls the charging loop to enter into a protection state. The terminal receives charging parameter information from the power adapter, determines whether an exception occurs on the charging loop according to the charging parameter information, and when the exception occurs on the charging loop, controls the charging loop to enter into a protection state, thereby improving the security of a charging process.