ABSTRACT

A quick charging method, a power adapter and a mobile terminal are provided. The method is applied to the power adapter, the power adapter is coupled to the mobile terminal through a USB interface, a power line in the USB interface is used by the power adapter to charge the mobile terminal, a data line in the USB interface is used by the power source adapter to conduct a bidirectional communication with the mobile terminal, and the power adapter supports a common charging mode and a quick charging mode, charging current of the quick charging mode is greater than that of the common charging mode. The method includes: conducting a bidirectional communication with the mobile terminal to determine to charge the mobile terminal in the quick charging mode; and adjusting charging current to charging current corresponding to the quick charging mode to charge the mobile terminal.

ABSTRACT

A fast charging method, a power source adapter (500) and a terminal (600). The method is applied to the power source adapter (500), the power source adapter (500) is connected to the mobile terminal (600) through a USB interface, a power line in the USB interface is used for the power source adapter (500) to charge the mobile terminal (600), a data line in the USB interface is used for the power source adapter (500) to conduct bidirectional communications with the mobile terminal (600), and the power source adapter (500) supports a common charging mode and a fast charging mode, wherein the charging current of the fast charging mode is greater than that of the common charging mode. The method comprises: conducting, by a power source adapter (500), bidirectional communications with a mobile terminal through a data line in a USB interface, so as to determine to charge the mobile terminal (600) in the fast charging mode; and adjusting, by the power source adapter (500), the charging current to a charging current corresponding to the fast charging mode, so as to charge the mobile terminal (600). By means of this method, the security of the fast charging process is improved.