

ENERGY-SAVING METHOD AND COMMUNICATION APPARATUS APPLIED TO MULTI-LINK COMMUNICATION

ABSTRACT

This application provides an power save method and a communication apparatus that are
5 applied to multi-link communication. In the method, a multi-link device may send a mode
switching frame to another device, to notify the another device that the multi-link device is to
switch a communication mode, for example, switch from a multi-link conventional
communication mode to a multi-link power save communication mode, or switch from the multi-
link power save communication mode to the multi-link conventional communication mode. The
10 multi-link conventional communication mode includes a first configuration, the multi-link power
save communication mode includes the first configuration and a second configuration, and a
quantity of links used for transmission under the first configuration is greater than a quantity of
links used for transmission under the second configuration. In this manner, the multi-link device
can dynamically switch between different communication modes. This can achieve a balance
15 between a high rate and low power consumption.

Fig. 3