

DATA SYNCHRONIZATION METHOD, APPARATUS, AND SYSTEM

ABSTRACT

Embodiments of this application disclose a data synchronization method, an apparatus, and a system. In scenarios where data streams at a physical layer are synchronized, synchronization
5 processes of the data streams may be timed. Further, it is determined whether there is a data stream whose synchronization-process duration satisfies a timeout condition, which is equivalent to determining whether there is a case in which synchronization takes an excessively long time. If such a case exists, it indicates that a system fault or link degradation may have occurred, and corresponding timeout processing needs to be performed, for example, error reporting and system
10 reset, so that the system fault or link degradation can be addressed in a timely manner, thereby improving data transmission efficiency.

FIG. 4