

# **PROGRAM EXECUTION METHODS AND APPARATUSES, STORAGE MEDIA, AND ELECTRONIC DEVICES**

## **ABSTRACT**

This specification discloses program execution methods. In the program execution methods provided in this specification, a corresponding first empty slot is set for each key value determined in a to-be-executed program, and key values are compared. A correspondence between each key value and the first empty slot is redetermined based on a comparison result. The key value is split based on a sum of a quantity of first empty slots and a quantity of second empty slots used to store each key value, to obtain split values. The key value in the to-be-executed program is replaced with the split value, to obtain a split program. It can be learned from the above-mentioned methods that a plurality of split programs are obtained from the to-be-executed program. Therefore, when a plurality of to-be-executed programs run simultaneously, even if an operator can estimate a total quantity of running times of the programs, the operator cannot learn a specific quantity of running times of a single program. This protects privacy of data.

FIG. 1