

ABSTRACT

A data processing method and a related apparatus, which relate to the field of data processing. The method comprises: acquiring an operation instruction, the operation instruction comprising operation type information and information of a data unit to undergo operation that corresponds to a data unit to undergo operation (101); querying a target data group in a data group set according to the information of the data unit to undergo operation, the data group set comprising at least one data group, and the data group comprising at least one data unit (102); acquiring lock state information of the target data group (103); on the basis of the lock state information and the operation type information, performing locking detection on the data unit to undergo operation so as to obtain a detection result (104); locking the data unit to undergo operation on the basis of the detection result (105); and when locking is complete, executing the operation instruction so as to perform an operation corresponding to the operation type information on the data unit to undergo operation (106). The method performs corresponding locking for a unit to undergo operation according to the target data group to which the unit to undergo operation belongs. Thus, the efficiency of data processing may be improved while ensuring security.

Fig. 1b