

ABSTRACT

The present application relates to a linked list data structure and a data processing method therefor, a storage medium, and an electronic device. The linked list data structure comprises an RAM, an idle address management unit, and a multi-head linked list; the multi-head linked list comprises a control unit, a write operation sub-link indication unit, a read operation sub-link indication unit, and n sub-links; each sub-link comprises a sub-link length unit, a write pointer unit, and a read pointer unit. On the basis of the linked list data structure of the present application, a read command is initiated in each clock cycle by means of an n -head linked list, and data can be outputted in each clock cycle.

FIG. 3