

ABSTRACT**MEMORY SCANNING METHOD AND APPARATUS**

Provided in the embodiments of the present specification are a memory scanning method and apparatus, wherein the method includes: determining a reserved memory scanning range at a preset time interval; scanning reserved memory to be scanned within the reserved memory scanning range and determining a current cold and hot state of the reserved memory to be scanned; and determining a target record table for the current cold and hot state of the reserved memory to be scanned according to the current cold and hot state of the reserved memory to be scanned and recording the current cold and hot state of the reserved memory to be scanned into the target record table. Specifically, in the method, cold and hot scanning is periodically performed on the reserved memory in host memory, and the current cold and hot state of the reserved memory of each cold and hot scanning are recorded into the target record table, such that the changes of the cold and hot state and aging of the reserved memory may be subsequently queried according to the target record table.

Figure 2