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(54) **LOCKING MECHANISM, ELECTRONIC  
DEVICE STRUCTURE AND SERVER**

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(57) **ABSTRACT**

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A locking mechanism for mounting hard drive to rack includes a shell and a lock component. The lock component comprises a handle, a pin, a lever, a torsion spring, and a compression spring. When the handle is located on the inner position, the lever latches the handle, the torsion spring is compressed, the compression spring pushes the pin out of the shell to insert into a slot of the rack to lock the hard drive to the rack. When pressing the lever to unlatch the handle, the torsion spring pushes the handle rotate to the outer position, meanwhile the handle retracts the pin into the shell to unlock the hard drive from the rack. An electronic device structure and a server using the locking mechanism is also disclosed.

