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(54) **WATERPROOF ELECTRONIC DEVICE**

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(57) **ABSTRACT**

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A waterproof electronic device includes a shell, a first electronic module, a second electronic module, and a flexible printed circuit FPC. A first compartment and a second compartment which are in communication with each other through a through hole are formed in the shell. The through hole is used for the FPC to pass through. The first and second electronic module are arranged in the first and second compartment respectively. The first electronic module is coupled to the second electronic module by the FPC which passes through the through hole. An opening in communication with the through hole is provided on the shell. A magnetic colloidal structure is arranged in the through hole, where the magnetic colloidal structure seals the through hole.

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