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(54) **NON-CONTACTING SWITCH CONTROL SYSTEM**

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(57) **ABSTRACT**

A non-contacting switch control system includes: a switch set, configured to receive a sensing signal from a sensing target, the switch set including a first non-contacting switch and a second non-contacting switch; a storage unit, configured to store a control program; and a processing unit, connected to the switch set and the storage unit, and configured to execute the control program and control the switch set based on the sensing signal. The control program includes: in a first operating mode, determining whether the first non-contacting switch receives an identification signal, and obtaining a first determination result; and when the first determination result is true, configuring the non-contacting switch control system to enter a second operating mode and disabling the second non-contacting switch.

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