

## **Magnetic Braking System of an Elevator in the Event of Sudden Breakage of the Hoisting Cable**

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**Abstract :** The project describes the scope of magnetic braking. The potential applications of the braking system can be a de-accelerating system to increase the safety of an elevator or any guided rail transportation system.

**Keywords :** boost and buck converter, electromagnet, elevator, ferromagnetic material, sensor, solenoid, timer

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