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(54) **ELEVATOR APPARATUS**
(71) Applicant: **mitsubishi electric corporation**, Chiyoda-ku (JP)
(72) Inventors: **Masunori Shibata**, Chiyoda-ku (JP);
Takuo Kugiya, Chiyoda-ku (JP);
Kazunori Washio, Chiyoda-ku (JP)
(73) Assignee: **mitsubishi electric corporation**, Tokyo (JP)

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Primary Examiner — Jeffrey Donels
(74) *Attorney, Agent, or Firm* — Xsensus LLP

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(57) **ABSTRACT**

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This invention is concerning an elevator apparatus, in which a safety monitoring device corrects a detected car position using a signal from a car position detection device and monitors the presence or absence of car overspeed on the basis of an overspeed detection pattern that varies in accordance with car position. The car position detection device includes a first car position detection sensor and a second car position detection sensor which are arranged side by side in a vertical direction. The safety monitoring device performs, in parallel, first overspeed monitoring based on a car position corrected using a signal from the first car position detection sensor and second overspeed monitoring based on a car position corrected using a signal from the second car position detection sensor.

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(58) **Field of Classification Search**
CPC ... B66B 5/0031; B66B 1/3492; B66B 5/0018; B66B 5/06
See application file for complete search history.

10 Claims, 5 Drawing Sheets

