

ELEVATOR EQUIPPED WITH AN ELECTRONIC SAFETY SYSTEM

ABSTRACT OF THE DISCLOSURE

An elevator with a highly reliable, highly functional safety and simplified construction. The elevator has a safety controller (microcomputer-A (50) and microcomputer-B (60)) that checks the input information from sensors (41-43) monitoring the operational state of the elevator car (1) to detect any abnormal condition and, when it detects an anomaly, brings the car to a safe state. When it is determined based on the sensor input information that the elevator car is at rest, the safety controller performs a self-diagnostic to see if it is working normally.

FIGURE 3