

## ABSTRACT

An elevator control system (2) according to a first aspect is a system for controlling, by vector control, a synchronization motor (10) configured to elevate and lower an elevator car (14) of an elevator (1). The elevator control system (2) includes: a brake controller (102) configured to output a brake release command for releasing a brake (12) for braking a rotation of the synchronization motor (10); a control starter (201) configured to start, before the brake (12) is released, zero speed control of controlling a rotational speed of the synchronization motor (10) to zero, or zero servo control of retaining a magnetic pole position of the synchronization motor (10); and a d-axis current controller (205) configured to start to flow d-axis current in the synchronization motor (10) before the brake (12) is released.

Fig. 1