

ABSTRACT**ELEVATOR CONTROL SYSTEM**

In an elevator group control system, current traffic information is collected S10 and studied S20 and future traffic flow is anticipated S30. The operating mode of the system for this anticipated traffic flow is then determined S40 using a fuzzy rule base BKB and a control strategy is established S50. A comprehensive evaluation function operation S70 is then effected S70 in accordance with the established control strategy to determine which of the elevator cars can possibly answer a hall call and one of these possible cars is allocated S100 to answer the call in accordance with a control item such as maximum waiting time, a available car capacity etc.

(Figure. 4)