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Group-Controlled Elevator System

Abstract of the Disclosure

5 Multiple elevators are installed as a group in a building and are equipped
with destination floor boarding location buttons (7), (8), (9) and (10) that are
provided on the lobby floor. Multiple car controllers (1), (2), (3), (4) and (5) are
input car data for each elevator so that the controllers control the operations of each
elevator. A higher level controller (6) is provided with input data from the multiple
10 car controllers and call data and that efficiently operates multiple cars while
accommodating changes in traffic demand. When it is determined that higher level
controller (6) is in service, all the floors are divided up into sectors and cars are
quickly dispatched to the aforementioned sectors in response to the aforementioned
destination floor boarding calls, and the sequencing of service in each sector will be
15 in the order in which each destination floor boarding call has occurred.

(Figure No. 1)



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