



US005969304A

# United States Patent [19]

[11] Patent Number: **5,969,304**

**Barker et al.**

[45] Date of Patent: **Oct. 19, 1999**

[54] **ELEVATOR SYSTEM HAVING HIGH RISE ELEVATOR WITHOUT EXPRESS ZONE**

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[57] **ABSTRACT**

[73] Assignee: **Otis Elevator Company**, Farmington, Conn.

An elevator system comprises a plurality of low rise elevators providing service between a lobby floor and the highest floor of a low rise in the building, high rise elevators providing express service between a lobby floor and the lowest floor of a high rise in the building as well as providing service to floors between the lowest floor of the high rise and the highest floor of the high rise, and a plurality of high-only elevators which provide service only to floors between the lowest floor of the high rise and the highest floor of the high rise, having no express zone to extend service downward to the lobby. Hall calls are entered as up calls, down calls, or lobby calls distinct from the down calls. The lobby calls are assigned only to the high rise elevators having express zones to provide service to the lobby. Up calls and down calls (not to the lobby) may be preferentially assigned to the high-only elevators.

[21] Appl. No.: **09/176,586**

[22] Filed: **Oct. 21, 1998**

[51] Int. Cl.<sup>6</sup> ..... **B66B 1/18**

[52] U.S. Cl. .... **187/383; 187/395**

[58] Field of Search ..... 187/380, 381, 187/382, 383, 385, 395, 249

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**6 Claims, 2 Drawing Sheets**

