CLAIMS

1. A lift congestion-state display system for displaying a congestion state regarding a lift, the lift congestion-state display system comprising:

an information search unit that identifies a first congestion state of a lift designated by a user and searches for history data of congestion states of a plurality of similar lifts similar to the lift designated,

wherein the similar lifts are identified by the information search unit by comparison of elevator information of the lift designated and the similar lifts; and

wherein the elevator information includes at least one of a use of an installed building, a number of available floors, a number of delivered lifts, a speed, and a transport amount in the lift designated; and

a congestion-state screen generation unit that calculates a second congestion state representing the congestion states of the plurality of similar lifts based on the history data, compares the first congestion state with the second congestion state for each of a plurality of predetermined comparison units, identifies a relative congestion degree of the lift designated by the user using a result of the comparison, and causes a display device to display information related to at least one of the first congestion state, the second congestion state, and the relative congestion degree for each of the comparison units.

2. The lift congestion-state display system according to claim 1, wherein

the comparison units are date and time and floors at which the lift designated by the user is used, and

the first congestion state and the second congestion state are average waiting times at the date and time for each of the floors.

3. A lift congestion-state display method for displaying a congestion state regarding a lift, the lift congestion-state display method comprising:

identifying a first congestion state of a lift designated by a user and searching for history data of congestion states of a plurality of similar lifts similar to the lift designated,

wherein the similar lifts are identified by the information search unit by comparison of elevator information of the lift designated and the similar lifts; and

wherein the elevator information includes at least one of a use of an installed building, a number of available floors, a number of delivered lifts, a speed, and a transport amount in the lift designated;

calculating a second congestion state representing the congestion states of the plurality of similar lifts based on the history data;

comparing the first congestion state with the second congestion state for each of a plurality of predetermined comparison units;

identifying a relative congestion degree of the lift

designated by the user using a result of the comparison; and

causing a display device to display information related to at least one of the first congestion state, the second congestion state, and the relative congestion degree for each of the comparison units.

4. The lift congestion-state display method according to claim 3, wherein

the comparison units are date and time and floors at which the lift designated by the user is used, and

the first congestion state and the second congestion state are average waiting times at the date and time for each of the floors.