Claims

1. Elevator installation, comprising:
a destination call control system arranged for transmitting selection of a destination floor to an elevator control device before an elevator cabin is boarded; and
a display system comprising at least one display device arranged for displaying pictorial information in the form of a projection in a vicinity of the elevator installation, wherein the destination call control system is operative on the display system in that pictorial information selected for projection is influenced by the selection of the destination floor performed by the destination call control system, wherein the display device is arranged to evaluate a signal provided by a sensor and based on the evaluation selectively interrupt the visible projection, and wherein the display device is arranged for switching to emission of a black image in effecting interruption of the visible projection.

2. Elevator installation according to claim 1, further comprising a video data memory with various video data, associated with the display system, wherein a floor identifier is respectively assigned to each of the various video data, and wherein the destination call control system is operative on the display system in that the pictorial information projected is that associated with that one of the various video data whose floor identifier matches the destination floor selected by the destination call control system.

3. Elevator installation according to claim 1 or 2, wherein the black image comprises exclusively pixels with a color value corresponding to the color black.

4. Elevator installation according to claim 1, 2 or 3, wherein the display device comprises a light beam source, a control device and a memory, wherein the black image is stored in the memory, and wherein the switching of the display device to emission of the black image is effected through and by the control device forwarding of video signals resulting from the black image to the beam source.

5. Elevator installation according to any one of claims 1 to 4, wherein the sensor is assigned to an elevator door wing, namely a shaft door wing or a cabin door wing.

6. Elevator installation according to claim 5, wherein the sensor is selected from the group consisting of a contactless sensor, an optical sensor, a contactless inductive sensor, a contactless capacitive sensor and a reed switch.

7. Elevator installation according to claim 5 or 6, wherein the sensor is placed inside an elevator shaft of the elevator installation and is pointed there towards an elevator door wing, namely a shaft door wing or a cabin door wing.

8. Method for operating an elevator installation according to any of claims 1 to 7, including the step of projecting the pictorial information determined by the selection of a destination floor performed by the destination call control system, and interrupting the visible display of the pictorial information by switching the display device to emission of the black image in response to evaluation of the signal provided by the sensor indicating the presence of a person in a region between the display device and a surface on which the pictorial information is projected .

9. Method for operating an elevator installation according to claim 2, including projecting the pictorial information that is associated with that one of the various video data whose floor identifier matches the destination floor selected by the destination call control system.

10. Method according to claim 8 or 9, wherein the switching of the display device to an emission of the black image stored in a memory of the display device takes place in that a control device of the display device makes a switch that results in a forwarding of video signals resulting from the black image to a beam source of the display device.