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(54) Title: ELEVATOR EVACUATION DETERRENT DEVICE

(57) Abstract

A simplified elevator car door lock assembly locks an elevator car door if the car is outside a landing zone and there is an attempt to open those doors. The car doors are connected to the hoistway doors by a pair of vanes (34, 36) mounted on the car door and a pair of rollers (29a, 29b) mounted on the hoistway door. A third vane (38) is attached to the car door and follows a cam path on the car door to lock the car doors if the car is not in a landing zone. Conversely, the third vane senses if the car is in a landing zone and does not lock the car door if it is moved.

