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(54) **SUPPORT APPARATUS FOR AN ELEVATOR CAR**

(56) **References Cited**

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(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

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The invention relates to a support apparatus for an elevator car. The support apparatus comprises a support block for attaching to a sidewall of an elevator hoistway, the support block having an oblique surface. The support apparatus also comprises a sliding plate for mounting to the elevator car. The sliding plate is movable between an extended position and a retracted position. The sliding plate has an oblique surface facing the oblique surface of the support block when the sliding plate is in the extended position. The sliding plate is slideable over the oblique surface of the support block when being moved from the extended position to the retracted position. The support apparatus also comprises an actuator shaft attached to the sliding plate and an actuator configured to move the sliding plate using the actuator shaft from the extended position to the retracted position. The actuator is attachable to the elevator car.

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(52) **U.S. Cl.**
CPC **B66B 17/34** (2013.01); **B66B 5/0075** (2013.01); **B66B 5/28** (2013.01)

(58) **Field of Classification Search**
CPC B66B 17/34; B66B 5/0075; B66B 5/28
See application file for complete search history.

18 Claims, 4 Drawing Sheets

