

Title (en)

ELEVATOR CAR DOOR LOCKING APPARATUS

Title (de)

VORRICHTUNG ZUR VERRIEGELUNG VON AUFZUGSKABINEN

Title (fr)

APPAREIL DE VERROUILLAGE DE PROTE DE CABINE D'ASCENSEUR

Publication

**EP 1841682 B1 20140319 (EN)**

Application

**EP 05704398 A 20050128**

Priority

JP 2005001638 W 20050128

Abstract (en)

[origin: WO2006080094A1] This invention provides a mechanical car door locking apparatus which is automatically operated by a door drive but independent of a door drive coupling mechanism. According to this invention, when, with a car positioned outside a landing zone, the motion of a first cam moving along with door opening motion is transferred to a first roller, a slider moves along a slider rod in the direction of door opening in conjunction with the motion of the first cam, whereby a static latch moving along with the door opening motion engages with a latch to disable door opening operation.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN110422739A; US10710843B2; US10882720B2; US11124389B2; US11795033B2

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