

Title (en)  
ELEVATOR CAR DOOR LOCK

Title (de)  
AUFZUGSKABINENTÜRVERRIEGELUNG

Title (fr)  
VERROU DE PORTE DE CABINE D'ASCENSEUR

Publication  
**EP 2263963 B1 20150318 (EN)**

Application  
**EP 08740564 A 20080417**

Priority  
JP 2008057494 W 20080417

Abstract (en)  
[origin: EP2263963A1] An elevator car includes: a cam that is fixed to a door hanger that suspends a side opening door of a car; a stationary hook that is fixed to the door hanger; a first roller that is mounted to the car, and that moves downward due to pressure from the cam that accompanies movement of the door hanger; a second roller that is mounted to the car, and that contacts a landing vane that is mounted vertically in a hoistway in a vicinity of a landing closer to a door closing direction side than a path of the first roller due to movement of the car and moves upward based on the downward movement of the first roller; and a movable hook that is mounted to the car, and that faces the stationary hook and releases locking on the stationary hook based on the upward movement of the second roller.

IPC 8 full level  
**B66B 13/18** (2006.01)

CPC (source: EP)  
**B66B 13/18** (2013.01)

Cited by  
US2013292212A1; US9592995B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2263963 A1 20101222; EP 2263963 A4 20140416; EP 2263963 B1 20150318**; CN 101983170 A 20110302; CN 101983170 B 20130327; JP 5312449 B2 20131009; JP WO2009128155 A1 20110804; KR 101274421 B1 20130614; KR 20100117147 A 20101102; WO 2009128155 A1 20091022

DOCDB simple family (application)  
**EP 08740564 A 20080417**; CN 200880128500 A 20080417; JP 2008057494 W 20080417; JP 2010508068 A 20080417; KR 20107022336 A 20080417