Title (en)
  ELEVATOR APPARATUS

Title (de)
  AUFZUGSVORRICHTUNG

Title (fr)
  DISPOSITIF D'ASCENSEUR

Publication
  EP 2399859 A1 20111228 (EN)

Application
  EP 09840349 A 20090220

Priority
  JP 2009053034 W 20090220

Abstract (en)
  An elevator apparatus includes: door opening/closing detection means (2, 3); car-position detection means (1) for detecting whether or not the car is present within a preset allowable range of car running under the door-open state; means (4) for preventing the car from starting under the door-open state, for determining a state in which the car starts under the door-open state to stop the car when at least one of the car door and the landing door is in the door-open state and the car position is out of the allowable range of car running under the door-open state, based on the results of detection by the door opening/closing detection means (2, 3) and the car-position detection means (1); and virtual-signal generation means (6, 7) for generating a virtual signal for virtually creating the state in which the car starts under the door-open state when being operated in a test mode, in which, when the means for preventing the car from starting under the door-open state determines the state in which the car starts under the door-open state based on the results of detection by the door opening/closing detection means (2, 3) and the car-position detection means (1) and in preferential consideration of the virtual signal generated by the virtual-signal generation means (6, 7) in the test mode, the means (4) for preventing the car from starting under the door-open stops a car (10).

IPC 8 full level
  B66B 5/02 (2006.01)

CPC (source: EP KR)
  B66B 5/0031 (2013.01 - EP); **B66B 5/0087** (2013.01 - EP); **B66B 5/0093** (2013.01 - EP); **B66B 5/02** (2013.01 - KR)

Cited by
  EP2930134A1; EP2930134B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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