

Title (en)

Method for detecting the position of a moving apparatus such as lifts and the like and device therefor

Title (de)

Verfahren zur Erfassung der Position einer Bewegungsvorrichtung wie zum Beispiel Aufzüge und Vorrichtung dazu

Title (fr)

Procédé de détection la position d'une appareil en déplacement telle que ascenseurs et dispositif associé

Publication

EP 2325126 A1 20110525 (EN)

Application

EP 10187221 A 20101012

Priority

IT PN20090072 A 20091123

Abstract (en)

The present invention refers to a method for detecting the position of a moving apparatus, in particular lifts, hoists and the like and to the relative arrangement for carrying out said method. The method according to the invention is characterized in that it comprises the following steps of: a) providing a plurality of actuators (5, 205, 305), each one of which comprises an electronic tag (11, 211, 311) provided with a univocal identification code stored in a data storage memory, and a first antenna (12, 212, 312); b) providing an electronic tag reader (14,214) provided with a second antenna (19, 219) and a plurality of sensors (20A, 20B; 220A, 220B); c) activating said plurality of sensors (20A, 20B; 220A, 220B) and storing the activation in a counter device to update a counting data item; d) concurrently with step c) above, activating said first antenna (12, 212, 312) of one of said plurality of actuators (5, 205, 305) to establish a signal communication with the second antenna (19, 219) and verify the connection of the antennas (12, 212, 312; 19, 219) with each other; e) if the verification of the connection of the antennas (12, 212, 312; 19, 219) with each other in step d) above is successful, then acquiring the identification code of the actuator (5, 205, 305) corresponding to the first antenna (12, 212, 312) activated in step d), otherwise f) acquiring the counting data item from the counter device, Also claimed is a device for detecting the position of moving equipment.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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EP3150535A1; AT520725A4; AT520725B1; US11639283B2

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