

Title (en)

ELEVATOR SYSTEM INCLUDING AN ULTRA WIDEBAND DEVICE

Title (de)

AUFZUGSSYSTEM MIT ULTRABREITBANDVORRICHTUNG

Title (fr)

SYSTÈME D'ASCENSEUR COMPRENANT UN DISPOSITIF ULTRALARGE BANDE

Publication

**EP 1915309 A2 20080430 (EN)**

Application

**EP 06759630 A 20060512**

Priority

- US 2006018351 W 20060512
- US 68110005 P 20050513

Abstract (en)

[origin: WO2008013515A2] An elevator system incorporates ultra wideband (UWB) technology to monitor and control characteristics and features of an elevator system, sense elevator occupants, and elevator user input. UWB sensors are disposed in communication with an elevator car for purposes of communicating data and commands from the sensor to a local or remote processor for purposes of analysis. Alternatively, UWB sensors are used to communicate commands to an elevator car, car driving mechanism, car control system, or other destination. In one embodiment, UWB sensors may be disposed in close proximity with elevator car doors to detect the presence of people and objects therebetween. Occupancy sensors may be positioned in the floor, ceiling or walls of the elevator car to sense car occupancy. UWB sensors may also be implemented in close proximity with elevator call buttons to track passengers approaching an elevator call button or bank of elevators. UWB sensors in another embodiment may be used to detect and track the location of an elevator car within the hoistway.

IPC 8 full level

**B66B 1/34** (2006.01)

CPC (source: EP KR)

**B66B 1/3476** (2013.01 - EP); **G01S 13/0209** (2013.01 - EP); **G01S 13/04** (2013.01 - EP KR); **G01S 13/18** (2013.01 - EP)

Citation (search report)

See references of WO 2008013515A2

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