

Title (en)

Method and system for emergency evacuation of building occupants

Title (de)

System und Verfahren für Notevakuierung des Personals eines Gebäudes

Title (fr)

Système et procédé pour l'évacuation d'urgence des occupants d'un immeuble

Publication

EP 1433735 B1 20131002 (EN)

Application

EP 03028776 A 20031213

Priority

- EP 03028776 A 20031213
- EP 02406132 A 20021223

Abstract (en)

[origin: EP1433735A1] The present invention is directed toward a method and a system for emergency evacuation of building occupants and to a method for modernisation of an existing building with said system. It refers to a multi-story building (1) having a plurality of floors and with at least one elevator (10) being positionable at selected landings (26) of the floors. Preferably, first means (9) are provided for measuring the number of persons and second means (7) are provided for detecting an emergency condition in the building. At least one control unit (5) is provided for determining or for estimating a number of building occupants in the building, the control unit is defining at least one evacuation zone (13) in the building during the emergency condition. Based on this information, the control unit is defining at least one designated floor (14) in the building during the emergency condition. Then the system evacuates the building occupants with the elevator car and/or a stairway from the evacuation zone to the designated floor. <IMAGE>

IPC 8 full level

B66B 5/02 (2006.01)

CPC (source: EP)

B66B 5/022 (2013.01); **B66B 5/024** (2013.01); **B66B 5/025** (2013.01); **B66B 19/007** (2013.01)

Cited by

EP3367808A4; US11370639B2; CN114644274A; US2012276517A1; US9109896B2; CN108639877A; AU2016302412B2; CN110015602A; US7594564B2; DE112011105394B4; GB2470535A; CN101977835A; GB2470535B; CN112693997A; EP3154889A4; WO2007099198A1; US10789665B2; EP2243737A1; WO2010122040A1; US10482732B2; US10633221B2; WO2017021230A1; US7588126B2; US7905329B2; US8297412B2; WO2015189458A1; WO2009116986A1; WO2007042605A1; WO2007067491A3; EP2192073B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1433735 A1 20040630; EP 1433735 B1 20131002

DOCDB simple family (application)

EP 03028776 A 20031213