

Title (en)
METHOD OF OPERATING AN ELEVATOR ARRANGEMENT WITH AN EMERGENCY PRIORITY FUNCTION AND ELEVATOR ARRANGEMENT IMPLEMENTING SUCH METHOD

Title (de)
VERFAHREN ZUM BETRIEB EINER AUFZUGSANORDNUNG MIT EINER NOTFALLPRIORITÄTSFUNKTION UND AUFZUGSANORDNUNG MIT IMPLEMENTIERUNG SOLCH EINES VERFAHRENS

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME D'ASCENSEUR AYANT UNE FONCTION DE PRIORITÉ D'URGENCE ET SYSTÈME D'ASCENSEUR METTANT EN UVRE UN TEL PROCÉDÉ

Publication
EP 3290373 A1 20180307 (EN)

Application
EP 16186644 A 20160831

Priority
EP 16186644 A 20160831

Abstract (en)
A method of operating an elevator arrangement (1) with an emergency priority function is proposed. The elevator arrangement (1) comprises an elevator car (3) being movable between various floors (5) upon control by an elevator controller (7). The method comprises: monitoring an emergency call initiator (19) (e.g. emergency button 17), being configured to be actuated e.g. by an person waiting in an affected floor (5). Upon detecting actuation of the emergency call initiator (19), an operation mode of the elevator controller (7) is switched from a normal mode to an emergency priority mode. In such mode, car calls made with lower priority are generally ignored and following emergency actions are performed: - the elevator car (3) is moved directly to the affected floor (5); - passengers are alerted about the emergency; - the passengers are allowed to exit at the affected floor (5) and the person is allowed to enter the elevator car (3); - upon a single selection of a destination floor made by a person in the elevator car (3), the elevator car is moved directly to the destination floor and the person is allowed to exit the elevator car at the destination floor. Upon completion of the emergency actions, the operation mode is switched from the emergency priority mode to a restricted mode in which at least some of functions available in the normal mode are restricted. Resulting from a sum of measures proposed herein, fastest possible transportation may be provided by the elevator arrangement being in the emergency priority mode. However, inter alia due to the subsequent automatically attained restricted operation mode, misuse of the emergency priority function is discouraged.

IPC 8 full level
B66B 1/24 (2006.01)

CPC (source: EP)
B66B 1/2408 (2013.01); **B66B 2201/405** (2013.01)

Citation (search report)
[I] US 3236332 A 19660222 - BURG Y RAYMOND A, et al

Cited by
CN111086934A; CN113401743A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3290373 A1 20180307

DOCDB simple family (application)
EP 16186644 A 20160831