Title (en)

METHOD FOR CONTROLLING AN ELEVATOR SYSTEM AND ELEVATOR SYSTEM FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR STEUERUNG EINER AUFZUGANLAGE SOWIE AUFZUGANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE POUR COMMANDER UN SYSTEME D'ASCENSEURS ET SYSTEME D'ASCENSEURS POUR METTRE EN OEUVRE LE PROCEDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004048244A1] The invention relates to a method for controlling an elevator system comprising at least one shaft (12, 14) and several elevator cars. According to said method, at least two elevator cars can travel separately upwards and downwards along a common track and a passenger can input a destination call using an input unit (77) that is situated outside the shaft, said destination call being assigned to an elevator car in accordance with an allocation rating. The aim of the invention is to further improve said method in such a way that the transport capacity can be increased, whilst ensuring that the elevator cars that can travel along a common track hinder one another as little as possible. To achieve this, when the destination call has been assigned to one of the elevator cars (21, 22) that can travel along the common track, the track section that is required to service the destination call is allocated to said elevator car and is blocked for the other elevator cars for the duration of the assignment. The invention also relates to an elevator system (10) for carrying out said method.

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

DE102014011378A1; WO2016055630A1; US8567569B2; DE102014220629A1; US10676317B2; EP2349901B1; EP2195270B1

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