Title (en)

Method of assigning a car to service a hall call in an elevator system

Title (de)

Kabinenzuteilungsverfahren zum Beantworten einer Aufzugsanforderung

Title (fr)

Méthode pour allouer à une cabine la désserte d'un appel de palier dans un système d'ascenseur

Publication

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Application

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- US 69318191 A 19910429
- US 69316991 A 19910429
- US 69317791 A 19910429
- US 69317891 A 19910429
- US 69317991 A 19910429

Abstract (en)

In a elevator system, the utility of assigning a car to service a hall call is determined by using an assignment utility fuzzy set having basis elements corresponding to the cars of the elevator system and degrees of membership corresponding to the utility of assigning the associated car to the hall call.The assignment utility fuzzy set is formed in accordance with a method comprising the step of constructing a plurality of performance fuzzy sets, each set corresponding to a particular elevator performance indicator and each term of each set representing the estimated value of the particular performance indicator which corresponds to servicing the hall call with a particular car.

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