

Title (en)
TARGETED CALL CONTROL FOR LIFTS

Title (de)
ZIELRUFSTEUERUNG FÜR AUFZÜGE

Title (fr)
COMMANDE D'APPEL CIBLE POUR ASCENSEURS

Publication
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Application
EP 01914940 A 20010329

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- EP 00106768 A 20000329

Abstract (en)
[origin: WO0172621A1] The invention relates to a targeted call control system for the organisation of the logistics of lifts, which offers an improvement in the transport performance, is flexible and robustly constructed and, in particular, can take account of individual and/or collective passenger transport requirements. In order to determine the optimal journey sequence for servicing the registered targeted calls, a planning system is provided, which calculates the servicing of the targeted calls by means of a situation-based search method for a fixed, pre-defined optimisation criterium. With each relevant change in the instantaneous situation of the lift, a completely new schedule is determined, which the lift then carries out. Control technology service requirements can be adjusted to meet changing customer needs by the amount and/or the definition of the operators applied. The logistical control of any number of lifts with varying layouts, for example, a multi-decker group, is possible with a targeted control system arranged as a multi-agent system.

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B66B 1/18

IPC 8 full level
B66B 1/18 (2006.01)

CPC (source: EP US)
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Cited by
DE102006046062A1; DE102006046062B4; WO2019120899A1; WO2022043371A1; EP3015412A1; DE102014115999A1; WO2020161069A1; EP2346766B1; EP2346766B2

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