

Title (en)
LIFT SYSTEM COMPRISING A MEASURING SYSTEM FOR DETERMINING THE ABSOLUTE POSITION OF THE CAGE

Title (de)
AUFZUGANLAGE MIT EINEM MESSSYSTEM ZUR ERMITTLUNG DER ABSOLUTEN KABINENPOSITION

Title (fr)
SYSTEME D'ASCENSEUR COMPORTANT UN DISPOSITIF DE MESURE DESTINE A DETERMINER LA POSITION ABSOLUE DE LA CABINE

Publication
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Application
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Abstract (en)
[origin: WO03011733A1] The invention relates to a lift system comprising an absolute length measuring system for determining the position of a cage which can be displaced along at least one guiding rail, said guiding rail comprising an absolute code mark pattern of a pseudo-random codification arranged in the direction of displacement. One such measuring system enables an increased resolution to be easily achieved in the detection of position over a long displacement path of the lift cage. To this end, the absolute code mark pattern and the incremental code symbol pattern are represented as a single-track combined code mark pattern of the n-position pseudo-random sequence in Manchester encoding, with code marks having the same length, and the code reading device comprises reading stations for scanning successive n+1 code marks, the second code mark of the single-track combined code mark pattern being respectively scanned.

IPC 8 full level
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Cited by
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