

Title (en)
DETERMINATION OF THE POSITION OF AN ELEVATOR CAR IN AN ELEVATOR SHAFT

Title (de)
POSITIONSBESTIMMUNG EINER AUFZUGSKABINE IN EINEM AUFZUGSSCHACHT

Title (fr)
LOCALISATION D'UNE CABINE D'ASCENSEUR DANS UNE CAGE D'ASCENSEUR

Publication
EP 3887298 A1 20211006 (DE)

Application
EP 19805331 A 20191122

Priority
• EP 18208556 A 20181127
• EP 2019082183 W 20191122

Abstract (en)
[origin: WO2020109151A1] A measurement system (3) is provided in an elevator system (1), in addition to an elevator car (6), an elevator controller (12), and a transferring device (20) which is designed to transfer electrical energy and/or information between the elevator car (6) and the elevator controller (12). The measurement system (3) has a transmitter (2) and a detection device (8) which is separated from the transmitter (2) by an air path and can be positioned remotely. The detection device (8) receives a measurement signal emitted by the transmitter (2) in the form of electromagnetic radiation via the air path and converts said signal into an electrical signal. The transmitter (2) receives the electrical signal via the transferring device (20), uses the electrical signal to determine a propagation time of the measurement signal via the air path and uses the propagation time to determine the distance (d) between the transmitter (2) and the elevator car (6).

IPC 8 full level
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B66B 1/3423 (2013.01 - US); **B66B 1/3446** (2013.01 - US); **B66B 1/3492** (2013.01 - EP US)

Citation (search report)
See references of WO 2020109151A1

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