

Title (en)

EMERGENCY POWER SUPPLY DEVICE FOR LIFT SYSTEMS

Title (de)

NOTSTROMVERSORGUNGSEINRICHTUNG FÜR AUFZUGSANLAGEN

Title (fr)

DISPOSITIF D'ALIMENTATION DE SECOURS POUR INSTALLATIONS D'ASCENSEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0174703A1] The invention relates to emergency power supply devices (10) for lift systems. The inventive devices comprise electromotor drives, short-circuit momentary system voltage drops or system voltage interruptions and supply all components of the lift system with energy as long as the lift is in use, until the lift reaches a floor level and when the network supply fails, whereby said components are required for moving the lift for an evacuation. The energy storage unit (11) used therefore exclusively contains capacitors in the form of super capacitors (13) or a combination of super capacitors (13) and electrochemically acting accumulators (14) as the storage medium.

IPC 8 full level

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Cited by

DE102016202363A1; DE102009013311A1; CN110422734A; WO2017140654A1; US11034544B2; DE102021125143A1; WO2023052267A1

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