

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

**EP 1272418 A1 20030108 (DE)**

Application

**EP 01911324 A 20010321**

Priority

- EP 01911324 A 20010321
- CH 0100175 W 20010321
- EP 00810272 A 20000331

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 1-7

**B66B 5/02**

IPC 8 full level

**B66B 1/34** (2006.01); **B66B 5/02** (2006.01); **H02J 9/06** (2006.01)

CPC (source: EP US)

**B66B 5/02** (2013.01 - EP US); **B66B 5/027** (2013.01 - EP US)

Citation (search report)

See references of WO 0174703A1

Cited by

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

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0174703 A1 20011011**; AT E414667 T1 20081215; AU 4040601 A 20011015; BR 0109581 A 20030128; BR 0109581 B1 20121211; CA 2400762 A1 20011011; CA 2400762 C 20090526; CN 1257831 C 20060531; CN 1419518 A 20030521; DE 50114504 D1 20090102; EP 1272418 A1 20030108; EP 1272418 B1 20081119; ES 2320094 T3 20090519; HK 1054907 A1 20031219; HK 1054907 B 20090522; IL 151276 A0 20030410; IL 151276 A 20070211; JP 2003529512 A 20031007; PT 1272418 E 20090129; US 2003089556 A1 20030515; US 6938733 B2 20050906

DOCDB simple family (application)

**CH 0100175 W 20010321**; AT 01911324 T 20010321; AU 4040601 A 20010321; BR 0109581 A 20010321; CA 2400762 A 20010321; CN 01807220 A 20010321; DE 50114504 T 20010321; EP 01911324 A 20010321; ES 01911324 T 20010321; HK 03104780 A 20030707; IL 15127601 A 20010321; IL 15127602 A 20020815; JP 2001572403 A 20010321; PT 01911324 T 20010321; US 23994602 A 20020924