

Title (en)
ELEVATOR SYSTEM WITH DERAIL PROTECTION

Title (de)
AUFZUGSANLAGE MIT ENTGLEISESCHUTZ

Title (fr)
INSTALLATION D'ASCENSEUR POURVUE DE PROTECTION CONTRE LE DÉRAILLEMENT

Publication
EP 3898484 B1 20230412 (DE)

Application
EP 19824306 A 20191217

Priority
• EP 18214771 A 20181220
• EP 19183314 A 20190628
• EP 2019085725 W 20191217

Abstract (en)
[origin: WO2020127322A1] A lift system (1), which is suitable both for normal operating situations and for emergency situations, and a drive device, a lift car (5), which can be displaced directly or indirectly within a lift shaft by the drive device, a guide means (7), which is connected to the lift car (5), a derailing protector (9), which is connected to the lift car, and a guide rail (11), which has a first subregion (13) which interacts with the guide means (7) and serves to guide the lift car (5) along the guide rail (11), and which has a second subregion (15) which can interact with the derailing protector (9). Here, there is such a large play between the derailing protector (9) and the second subregion (15) of the guide rail (11) that, during the normal operating situation, the derailing protector (9) and the second subregion (15) of the guide rail (11) remain spaced apart from one another.

IPC 8 full level
B66B 7/02 (2006.01); **B66B 7/04** (2006.01)

CPC (source: EP US)
B66B 5/02 (2013.01 - US); **B66B 7/022** (2013.01 - EP US); **B66B 7/046** (2013.01 - US); **B66B 7/047** (2013.01 - US); **B66B 7/04** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020127322 A1 20200625; AU 2019409700 A1 20210624; AU 2019409700 B2 20230427; BR 112021009759 A2 20210817; CN 113242837 A 20210810; CN 113242837 B 20230106; EP 3898484 A1 20211027; EP 3898484 B1 20230412; US 11999592 B2 20240604; US 2022041406 A1 20220210

DOCDB simple family (application)
EP 2019085725 W 20191217; AU 2019409700 A 20191217; BR 112021009759 A 20191217; CN 201980084856 A 20191217; EP 19824306 A 20191217; US 201917309483 A 20191217