

Title (en)  
METHOD FOR OPERATING A LIFT FACILITY

Title (de)  
VERFAHREN ZUM ERRICHTEN EINER AUFZUGSANLAGE

Title (fr)  
PROCÉDÉ DE CONSTRUCTION D'UNE INSTALLATION D'ASCENSEUR

Publication  
**EP 3807205 B1 20220518 (DE)**

Application  
**EP 19728088 A 20190606**

Priority  
• EP 18177874 A 20180614  
• EP 2019064824 W 20190606

Abstract (en)  
[origin: WO2019238530A1] According to a method for erecting a final lift facility in a lift shaft (1) of a building (2), a construction phase lift system (3.1; 3.2) is, for the duration of the construction phase of the building, installed in the lift shaft, which increases in height as the building height increases. The construction phase lift system comprises a self-propelled construction phase lift car (4; 54; 64), the useable lifting height of which can be adapted to an increasing lift shaft height, wherein to guide the construction phase lift car (4; 54; 64) along the travel path of same in the lift shaft (1), at least one guide rail (5) is installed, wherein, to drive the construction phase lift car (4; 54; 64), a drive system (7; 7.1-7.4; 57; 67) is mounted which comprises a primary part attached to the construction phase lift car and a secondary part attached along the travel path of the construction phase lift car, wherein the guide rail (5) and the secondary part of the drive system (7; 7.1; 7.2; 7.3; 7.4; 57; 67) are, during the construction phase, extended upwards in steps with the increasing lift shaft height. The self-propelled construction phase lift car (4; 54; 64) is used both to transport people and/or materials for construction of the building (2) and as a passenger and goods lift for storeys already being used as residential or business areas during the construction phase of the building, wherein – after the lift shaft (1) has reached its final height – a final lift system is installed in the lift shaft (1) in place of the construction phase lift system (3.1; 3.2), the final lift system being modified with respect to the construction phase lift system (3.1; 3.2).

IPC 8 full level  
**B66B 19/00** (2006.01)

CPC (source: EP KR US)  
**B66B 7/02** (2013.01 - US); **B66B 9/02** (2013.01 - US); **B66B 19/002** (2013.01 - EP KR US); **B66B 19/005** (2013.01 - US);  
**B66B 9/022** (2013.01 - US); **B66B 11/0461** (2013.01 - US)

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 2019238530 A1 20191219**; AU 2019284944 A1 20201224; AU 2019284944 B2 20220602; BR 112020018020 A2 20201222;  
CA 3092640 A1 20191219; CN 112188990 A 20210105; CN 112188990 B 20220823; EP 3807205 A1 20210421; EP 3807205 B1 20220518;  
KR 20210020863 A 20210224; PL 3807205 T3 20220725; SG 11202008865Q A 20201029; US 11939187 B2 20240326;  
US 2021206602 A1 20210708; ZA 202005229 B 20220126

DOCDB simple family (application)  
**EP 2019064824 W 20190606**; AU 2019284944 A 20190606; BR 112020018020 A 20190606; CA 3092640 A 20190606;  
CN 201980034648 A 20190606; EP 19728088 A 20190606; KR 20207029042 A 20190606; PL 19728088 T 20190606;  
SG 11202008865Q A 20190606; US 201917250086 A 20190606; ZA 202005229 A 20200821