

Title (en)

A method for assembling a modular lift apparatus, a method for de-assembling a modular lift apparatus, and a modular lift apparatus

Title (de)

Verfahren zum Aufbau einer modularen Hebevorrichtung, Verfahren zum Abbauen einer modularen Hebevorrichtung und modulare Hebevorrichtung

Title (fr)

Procédé d'assemblage d'un appareil élévateur modulaire, procédé de désassemblage d'un appareil élévateur modulaire et appareil élévateur modulaire

Publication

EP 2559647 A1 20130220 (EN)

Application

EP 12180783 A 20120817

Priority

NL 2007277 A 20110818

Abstract (en)

The invention relates to a method for assembling a modular lift apparatus. The method comprises the step of placing a first lift shaft module including a lift shaft part and lift guiding means for guiding a lift car. Further, the invention comprises the steps of providing a lift car in the lift module, placing a second lift module on top of the first lift module, the second lift module also including a lift shaft part and lift guiding means, the lift shaft parts of the modules forming a continuous lift shaft section, and securing the second lift module to the first lift module by an assembler person using the roof of the lift car as a working platform. Further, the invention relates to a method for de-assembling a modular lift apparatus. Furthermore, the invention relates to a modular lift apparatus.

IPC 8 full level

B66B 19/00 (2006.01)

CPC (source: EP)

B66B 19/00 (2013.01)

Citation (applicant)

- US 2004154870 A1 20040812 - BASS PATRICK [US], et al
- JP H11209026 A 19990803 - HITACHI BUILDING SYS CO LTD
- JP H11209027 A 19990803 - HITACHI BUILDING SYS CO LTD
- US 4231148 A 19801104 - HARDING ALLEN W
- AU 5708690 A 19901220 - BORAL JOHNS PERRY IND PTY LTD

Citation (search report)

- [X] US 2004154870 A1 20040812 - BASS PATRICK [US], et al
- [XI] JP H11209026 A 19990803 - HITACHI BUILDING SYS CO LTD
- [X] JP H11209027 A 19990803 - HITACHI BUILDING SYS CO LTD
- [I] US 4231148 A 19801104 - HARDING ALLEN W
- [X] AU 625660 B2 19920716 - BORAL JOHNS PERRY IND PTY LTD
- [A] DD 90202 A1 19720520

Cited by

WO2023046643A1; US2018237269A1; CN108455413A; CN110026823A; US2024017965A1; US12043522B2; WO2022225466A1; WO2022084294A1; WO2024179869A1; WO2023198277A1; EP3747820B1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2559647 A1 20130220; EP 2559647 B1 20220817; NL 2007277 C2 20130219

DOCDB simple family (application)

EP 12180783 A 20120817; NL 2007277 A 20110818