

Title (en)
LIFT SYSTEM

Title (de)
AUFZUGSSYSTEM

Title (fr)
SYSTÈME D'ASCENSEUR

Publication
EP 3931141 A1 20220105 (DE)

Application
EP 20705717 A 20200220

Priority
• EP 19160054 A 20190228
• EP 2020054443 W 20200220

Abstract (en)
[origin: WO2020173798A1] The invention relates to a lift system having a lift car (4) which can be moved vertically along a vertical track (3) comprising a stationary vertical guide rail (5), and horizontally by means of a car transfer device (13). The car transfer device (13) has a horizontal displacement unit (16) comprising a vertical guide rail piece (18) which guides the lift car (4) in the horizontal displacement unit (16), wherein the horizontal displacement unit (16) can be brought into a passage position, in which the guide rail piece (18) of the horizontal displacement unit (16) forms a portion of the vertical track (3) together with the stationary vertical guide rail (5). According to the invention, the lift system has a connecting device, by means of which, in the passage position of the horizontal displacement unit (16), the vertical guide rail piece (18) of the horizontal displacement unit (16) can be connected to the stationary vertical guide rail (5), wherein, when the vertical guide rail piece (18) and the stationary vertical guide rail (5) are connected by means of the connecting device (70), the vertical guide rail piece (18) cannot be displaced in the horizontal direction with respect to the stationary vertical guide rail (5).

IPC 8 full level
B66B 9/00 (2006.01); **B66B 7/02** (2006.01)

CPC (source: EP US)
B66B 1/24 (2013.01 - US); **B66B 1/3492** (2013.01 - US); **B66B 7/026** (2013.01 - EP US); **B66B 9/003** (2013.01 - EP US)

Citation (search report)
See references of WO 2020173798A1

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)
WO 2020173798 A1 20200903; CN 113272239 A 20210817; EP 3931141 A1 20220105; EP 3931141 B1 20230215;
US 2022048736 A1 20220217

DOCDB simple family (application)
EP 2020054443 W 20200220; CN 202080008192 A 20200220; EP 20705717 A 20200220; US 202017310124 A 20200220