

Title (en)
LIFT SYSTEM

Title (de)
AUFZUGSYSTEM

Title (fr)
SYSTÈME D'ASCENSEUR

Publication
EP 3924284 A1 20211222 (DE)

Application
EP 20702319 A 20200204

Priority
• EP 19156579 A 20190212
• EP 2020052724 W 20200204

Abstract (en)
[origin: WO2020164965A1] The invention relates to a lift system (10) comprising a lift car (14, 16), which can be (12) moved in a lift shaft (12), a suspension means (26) running in the lift shaft (12), a drive machine (34) associated with the suspension means (26) and an actuatable coupling device arranged on the lift car (14, 16). The suspension means (26) has a coupling element (44) to/from which the coupling device can be coupled by adopting a coupled position and decoupled by adopting a decoupled position, whereby a drive connection between the lift car (14, 16) and the suspension means (26) can be produced and released. According to the invention, the lift system comprises a safety device which can adopt a securing position and a release position, and which, in the securing position, secures the coupling device in the coupled position against moving out of the coupled position.

IPC 8 full level
B66B 7/08 (2006.01); **B66B 9/00** (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP US)
B66B 1/30 (2013.01 - US); **B66B 1/32** (2013.01 - US); **B66B 7/08** (2013.01 - US); **B66B 9/00** (2013.01 - EP US); **B66B 11/0095** (2013.01 - EP)

Citation (search report)
See references of WO 2020164965A1

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 2020164965 A1 20200820; CN 113286758 A 20210820; CN 113286758 B 20221018; EP 3924284 A1 20211222; EP 3924284 B1 20230405; US 2022089407 A1 20220324

DOCDB simple family (application)
EP 2020052724 W 20200204; CN 202080008818 A 20200204; EP 20702319 A 20200204; US 202017310021 A 20200204