

Title (en)
DEVICE FOR PERFORMING MAINTENANCE WORK IN A LIFT SHAFT

Title (de)
VORRICHTUNG ZUR DURCHFÜHRUNG VON WARTUNGSARBEITEN IN EINEM AUFZUGSSCHACHT

Title (fr)
DISPOSITIF DE MISE EN UVRE D'UN TRAVAIL D'ENTRETIEN DANS UNE CAGE D'ASCENSEUR

Publication
EP 3704049 B1 20210825 (DE)

Application
EP 18780126 A 20181004

Priority
• EP 17199429 A 20171031
• EP 2018077008 W 20181004

Abstract (en)
[origin: WO2019086194A1] The invention relates to an elevator system, comprising an elevator shaft (6), an elevator car (2) and a counterweight (4), the elevator car (2) and the counterweight (4) being coupled and being arranged in the elevator shaft (6) for movement in opposite directions, and a buffer device (20) arranged in a shaft pit (6.1) of the elevator shaft (6), which buffer device (20) limits the travel path of the counterweight (4) and which buffer device (20) comprises a buffer (22) and a lifting device (24), wherein in an idle position of the lifting device (24) an overtravel of the elevator car (2) in a shaft head of the elevator shaft (6) is enabled and the lifting device (24) can be activated in such a way that, in an active position of the lifting device (24), the travel path of the counterweight (4) in the shaft pit (6.1) is limited and, between a shaft ceiling (7) of the elevator shaft (6) and the elevator car (2), a minimum distance for maintenance by personnel can be ensured, characterized in that the lifting device (24) is arranged between the buffer (22) and the counterweight (4).

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP US)
B66B 5/0056 (2013.01 - EP US); **B66B 5/28** (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 2019086194 A1 20190509; AU 2018361450 A1 20200402; CN 111295351 A 20200616; CN 111295351 B 20220524; EP 3704049 A1 20200909; EP 3704049 B1 20210825; SG 11202003140W A 20200528; US 2020283265 A1 20200910

DOCDB simple family (application)
EP 2018077008 W 20181004; AU 2018361450 A 20181004; CN 201880070964 A 20181004; EP 18780126 A 20181004; SG 11202003140W A 20181004; US 201816649817 A 20181004