

Title (en)
CONTROLLER FOR CONTROLLING A LIFT SYSTEM IN AN INSPECTION MODE, AND LIFT SYSTEM

Title (de)
STEUERVORRICHTUNG ZUM STEUERN EINER AUFZUGSANLAGE IN EINEM INSPEKTIONSBETRIEB UND AUFZUGSANLAGE

Title (fr)
DISPOSITIF DE COMMANDE PERMETTANT DE COMMANDER UN SYSTÈME DE LEVAGE DANS UN MODE D'INSPECTION, ET SYSTÈME DE LEVAGE

Publication
EP 4077188 A1 20221026 (DE)

Application
EP 20811681 A 20201130

Priority
• EP 19218216 A 20191219
• EP 2020083859 W 20201130

Abstract (en)
[origin: WO2021121920A1] The invention relates to a controller (200) for controlling a lift system (100) in an inspection mode, the lift system (100) having a safety circuit (206), with at least one safety contact (204) which is open in inspection mode, and an inspection path (202) for bridging the at least one safety contact (204). The controller (200) comprises: a first operating element (PB1) for operating the lift system (100) in inspection mode; a second operating element (PB2) for operating the lift system (100) in inspection mode; a first switching unit (K1), which has a first contact (K1-3) and a first delay element (C1) and is designed to close the first contact (K1-3) in response to actuation of the first operating element (PB1) and to open said first contact in response to release of the first operating element (PB1); and a second switching unit (K2), which is connected parallel to the first switching unit (K1) and has a second contact (K2-3) and a second delay element (C2) and is designed to close the second contact (K2-3) in response to actuation of the second operating element (PB2) and to open said second contact in response to release of the second operating element (PB2). The first contact (K1-3) and the second contact (K2-3) are connected in series in the inspection path (202). The first delay element (C1) is designed to delay opening of the first contact (K1-3) by a defined first delay time from release of the first operating element (PB1). The second delay element (C2) is designed to delay opening of the second contact (K2-3) by a defined second delay time from release of the second operating element (PB2).

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP US)
B66B 5/0031 (2013.01 - EP); **B66B 5/005** (2013.01 - US); **B66B 5/0087** (2013.01 - EP 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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021121920 A1 20210624; BR 112022011999 A2 20220830; CN 114867677 A 20220805; EP 4077188 A1 20221026; EP 4077188 B1 20240508; US 2023002192 A1 20230105

DOCDB simple family (application)
EP 2020083859 W 20201130; BR 112022011999 A 20201130; CN 202080088274 A 20201130; EP 20811681 A 20201130; US 202017757238 A 20201130