

Title (en)
CONTROL UNIT FOR A LIFT SYSTEM

Title (de)
STEUEREINHEIT FÜR EINE AUFZUGSANLAGE

Title (fr)
UNITÉ DE COMMANDE POUR SYSTÈME DE LEVAGE

Publication
EP 4121383 B1 20231004 (DE)

Application
EP 20716705 A 20200319

Priority
EP 2020057686 W 20200319

Abstract (en)
[origin: WO2021185451A1] The invention comprises a control unit for a lift system, wherein the at least one isolation element (12, 31, 32, 33, 34, 35) is designed according to the invention such that the safety circuit (3) can be interrupted for less than 5 msec, preferably less than 2.5 msec, more preferably less than 3 msec, in order to capture the proper operating state of the lift system, in particular a maintenance bridge (5) with which contact is made in the safety circuit (3) and/or a short circuit caused by a fault, in the active state of the safety element (7), in particular of the main contactor (8) or of a functional unit of the drive unit (2), by means of at least one test action.

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP)
B66B 5/0031 (2013.01)

Citation (examination)
EP 1852382 A1 20071107 - MITSUBISHI ELECTRIC CORP [JP]

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 2021185451 A1 20210923; WO 2021185451 A9 20211125; CN 115066384 A 20220916; EP 4121383 A1 20230125;
EP 4121383 B1 20231004; EP 4121383 C0 20231004

DOCDB simple family (application)
EP 2020057686 W 20200319; CN 202080095996 A 20200319; EP 20716705 A 20200319