Title (en)

FIRST SAFETY CONTROL UNIT, A METHOD TO OPERATE THE FIRST SAFETY CONTROL UNIT, A SECOND SAFETY CONTROL UNIT, A METHOD TO OPERATE THE SECOND CONTROL UNIT, AND AN ELEVATOR SYSTEM

Title (de)

ERSTE SICHERHEITSSTEUERUNGSEINHEIT, VERFAHREN ZUM BETRIEB DER ERSTEN SICHERHEITSSTEUERUNGSEINHEIT, ZWEITE SICHERHEITSSTEUERUNGSEINHEIT, VERFAHREN ZUM BETRIEB DER ZWEITEN STEUERUNGSEINHEIT UND AUFZUGSSYSTEM

Title (fr)

PREMIÈRE UNITÉ DE COMMANDE DE SÉCURITÉ, PROCÉDÉ D'ACTIONNEMENT DE LA PREMIÈRE UNITÉ DE COMMANDE DE SÉCURITÉ, SECONDE UNITÉ DE COMMANDE DE SÉCURITÉ, PROCÉDÉ D'ACTIONNEMENT DE LA SECONDE UNITÉ DE COMMANDE, ET SYSTÈME D'ASCENSEUR

Publication

EP 3672897 A1 20200701 (EN)

Application

EP 18867311 A 20180921

Priority

CN 2018106833 W 20180921

Abstract (en)

[origin: WO2020056701A1] A first safety control unit (20a) of a safety network of an elevator system, the first safety control unit (20a) is configured to determine a first plurality of safety input states of a plurality of the safety inputs (202a, 204a), receive a second plurality of safety input states via a digital communication module from a second safety control unit (20b; 20c) of the safety network, and determine a safety output state of at least one safety output (212a) in dependence on the first plurality of safety input states and in dependence on the second plurality of safety input states. The number of inputs and connection points towards an elevator controller system can be heavily reduced, which saves system wiring time and makes it easier to conduct maintenance of the system, so costs can be significantly reduced.

IPC 8 full level

B66B 5/00 (2006.01)

CPC (source: EP)

B66B 5/0031 (2013.01); **B66B 13/22** (2013.01)

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 2020056701 A1 20200326; CN 109890738 A 20190614; CN 109890738 B 20210702; EP 3672897 A1 20200701; EP 3672897 A4 20210324

DOCDB simple family (application)

CN 2018106833 W 20180921; CN 201880003517 A 20180921; EP 18867311 A 20180921