

Title (en)

SYSTEMS AND METHODS FOR UPGRADING ELEVATOR CONTROL SYSTEMS WITH A DIGITAL CONTROL SYSTEM

Title (de)

SYSTEME UND METHODEN ZUR AKTUALISIERUNG VON AUFZUGSTEUERUNGSSYSTEMEN MIT EINEM DIGITALEN STEUERSYSTEM

Title (fr)

SYSTEMES ET PROCEDES DE MISE A NIVEAU DE SYSTEMES DE CONTROLE D'ASCENSEUR AVEC UN SYSTEME DE CONTROLE NUMERIQUE

Publication

EP 3939924 A1 20220119 (EN)

Application

EP 21185921 A 20210715

Priority

- US 202063052386 P 20200715
- US 202017063729 A 20201006
- US 2020066679 W 20201222
- US 202117228744 A 20210413
- US 202117228739 A 20210413

Abstract (en)

Embodiments of systems and methods for digital control of elevator and other access gateways are described herein. More specifically, embodiments comprise systems and methods for retrofitting or outfitting elevator systems with digital control systems that can be universally applied to virtually every manufacturer's elevator systems.

IPC 8 full level

B66B 1/34 (2006.01); **B66B 1/46** (2006.01); **B66B 19/00** (2006.01)

CPC (source: EP)

B66B 1/3415 (2013.01); **B66B 1/468** (2013.01); **B66B 19/007** (2013.01); **B66B 2201/4615** (2013.01); **B66B 2201/4623** (2013.01); **B66B 2201/4653** (2013.01)

Citation (applicant)

- US 202063523386 P
- US 202017063729 A 20201006
- US 202117228739 A 20210413
- US 202117228744 A 20210413
- US 2020066679 W 20201222

Citation (search report)

- [XA] DE 102017207750 A1 20181108 - THYSENKRUPP AG [DE], et al
- [XA] GB 2563891 A 20190102 - AVIRE LTD [GB]

Cited by

US2022081258A1; US11472662B2; US11780703B2

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)

EP 3939924 A1 20220119; **EP 3939924 B1 20240522**; BR 112023000743 A2 20231003; CN 116323464 A 20230623; WO 2022013814 A1 20220120

DOCDB simple family (application)

EP 21185921 A 20210715; BR 112023000743 A 20210715; CN 202180054258 A 20210715; IB 2021056407 W 20210715