

Title (en)

LIGHT MODULATION DEVICE OF AN ELEVATOR INSTALLATION AND LIGHT MODULATION TRANSMISSION METHOD

Title (de)

LICHTMODULATIONSEINRICHTUNG EINER AUFZUGSANLAGE UND LICHTMODULATIONSÜBERTRAGUNGSVERFAHREN

Title (fr)

DISPOSITIF DE MODULATION DE LUMIÈRE D'UNE INSTALLATION D'ASCENSEUR ET PROCÉDÉ DE TRANSMISSION DE MODULATION DE LUMIÈRE

Publication

**EP 4146577 A1 20230315 (DE)**

Application

**EP 21722878 A 20210503**

Priority

- EP 20173723 A 20200508
- EP 2021061521 W 20210503

Abstract (en)

[origin: WO2021224160A1] The present invention relates to a light modulation device (1) of an elevator installation (2) having an elevator cabin (3), and to a light modulation method in an elevator installation (2). The light modulation device (1) has a modulator (5), which can receive a first electrical signal (16) from a control unit (6) of the elevator installation (1), and wherein the modulator (5), for modulating the first electrical signal (16), can control a lighting device (4) comprising two or more light-emitting diodes (7) in the elevator cabin (3) in such a way that the lighting device (4) generates a first light signal (14) for encoding the first electrical signal (16), and wherein the modulator (5) can switch the light-emitting diodes (7) on and off and/or can set the brightness thereof, and wherein the modulator (5) can switch the light-emitting diodes (7) synchronously or asynchronously and/or can set the brightness thereof.

IPC 8 full level

**B66B 1/34** (2006.01)

CPC (source: EP US)

**B66B 1/3446** (2013.01 - EP); **B66B 1/3461** (2013.01 - US); **B66B 1/468** (2013.01 - EP); **H04B 10/54** (2013.01 - US); **B66B 2201/4638** (2013.01 - EP)

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 2021224160 A1 20211111**; CN 115515877 A 20221223; EP 4146577 A1 20230315; US 2023183038 A1 20230615

DOCDB simple family (application)

**EP 2021061521 W 20210503**; CN 202180033637 A 20210503; EP 21722878 A 20210503; US 202117997567 A 20210503