

Title (en)

AUTOMATICALLY CONTROLLED DOOR ASSEMBLY AS A LIFT LEVEL DOOR OF A LIFT SYSTEM

Title (de)

AUTOMATISIERTE GESTEUERTE TÜRANORDNUNG ALS STOCKWERKTÜR EINER AUFZUGANLAGE

Title (fr)

SYSTÈME DE PORTE À COMMANDE AUTOMATIQUE FAISANT OFFICE DE PORTE D'ETAGE D'UNE INSTALLATION D'ASCENSEUR

Publication

EP 3947235 A1 20220209 (DE)

Application

EP 20710963 A 20200318

Priority

- EP 2020057441 W 20200318
- EP 19165715 A 20190328

Abstract (en)

[origin: WO2020193311A1] The invention relates to an automatically controlled door assembly (1) as a lift level door of a lift system (3), comprising: at least one door leaf (7) which can be actively moved between an open and a closed position; a drive (9) for moving the door leaf (7) between the open and the closed position; a controller (11) for controlling the drive (9); a sensor system (13) for detecting people (23) or objects in front of the door leaf; and a data connection (19) for a data exchange with an external computer (21). The door assembly (1) is configured to: receive and process signals from the sensor system (13) in the controller (11); send request data to the external computer (21) via the data connection (19) based on the processed signals; receive instruction data produced as a result by the external computer (21); and control the drive (9) of the door leaf (7) while taking the instruction data into consideration. The door assembly (1) allows for new fields of application, such as a monitorable, automated and preferably stepless access to buildings, e.g. for robots, or a receiving and storing of delivered goods via the door assembly (1).

IPC 8 full level

B66B 11/00 (2006.01); **B66B 1/34** (2006.01); **B66B 1/46** (2006.01); **B66B 5/00** (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP US)

B66B 1/14 (2013.01 - US); **B66B 1/3446** (2013.01 - US); **B66B 1/467** (2013.01 - US); **B66B 3/002** (2013.01 - US); **B66B 5/0012** (2013.01 - EP US); **B66B 13/146** (2013.01 - EP US); **B66B 13/30** (2013.01 - US); **B66B 2201/4638** (2013.01 - 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

DOCDB simple family (publication)

WO 2020193311 A1 20201001; AU 2020246932 A1 20211014; AU 2020246932 B2 20230803; BR 112021015015 A2 20211005; CN 113544075 A 20211022; CN 113544075 B 20231017; EP 3947235 A1 20220209; EP 3947235 B1 20231220; US 2022106167 A1 20220407

DOCDB simple family (application)

EP 2020057441 W 20200318; AU 2020246932 A 20200318; BR 112021015015 A 20200318; CN 202080019188 A 20200318; EP 20710963 A 20200318; US 202017310834 A 20200318