

Title (en)

ACCESS CONTROL SYSTEM WITH A SLIDING DOOR AND VISUALISATION OF STATUS INFORMATION

Title (de)

ZUGANGSKONTROLLSYSTEM MIT EINER SCHIEBETÜR UND VISUALISIERUNG VON STATUSINFORMATION

Title (fr)

SYSTÈME DE CONTRÔLE D'ACCÈS DOTÉ D'UNE PORTE COULISSANTE ET VISUALISATION DES INFORMATIONS D'ÉTAT

Publication

EP 3935248 B1 20240703 (DE)

Application

EP 20706356 A 20200302

Priority

- EP 2020055407 W 20200302
- EP 19161659 A 20190308

Abstract (en)

[origin: WO2020182511A1] The invention relates to a system for controlling an access to an access-restricted zone (22) in a building, comprising a sliding door system (5) and a control device (8, 10) for the sliding door system (5). The sliding door system (5) has a door frame (2) and a sliding door (4) which can be displaced in the door frame (2) between a closed position and an open position by means of a drive unit (6). The door frame (2) has a pass-through region (24) and a wall panelling region (18) which at least partially receives the sliding door (4) in the open position. A control device (8) is arranged at the sliding door (4) and is communicatively connected to the drive device (6). The control device (8) is designed to control a displacement of the sliding door (4) between the closed position and an open position. A light projection device (13) is arranged in an interior space of the sliding door (4) and is communicatively connected to the control device (8). The light projection device (13) is designed to project status information (23), which is predetermined by the control device (8), for a user (20) requesting access to an access-restricted zone (22) as a visible light projection onto a projection surface (27, 27a).

IPC 8 full level

E05F 15/73 (2015.01); **E05F 15/632** (2015.01); **E05F 15/76** (2015.01)

CPC (source: EP US)

E05F 15/632 (2015.01 - EP US); **E05F 15/73** (2013.01 - EP US); **E05F 15/76** (2015.01 - EP US); **G07C 9/37** (2020.01 - US);
H05B 47/115 (2020.01 - US); **E05F 2015/767** (2015.01 - EP US); **E05Y 2400/818** (2013.01 - EP); **E05Y 2400/82** (2013.01 - EP);
E05Y 2600/46 (2013.01 - EP); **E05Y 2800/106** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP 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

DOCDB simple family (publication)

WO 2020182511 A1 20200917; AU 2020234892 A1 20211007; AU 2020234892 B2 20230511; CN 113518846 A 20211019;
CN 113518846 B 20221025; EP 3935248 A1 20220112; EP 3935248 B1 20240703; US 2023313595 A1 20231005

DOCDB simple family (application)

EP 2020055407 W 20200302; AU 2020234892 A 20200302; CN 202080017854 A 20200302; EP 20706356 A 20200302;
US 202017469568 A 20200302