

Title (en)

MONITORING AND CONTROL DEVICE FOR A DOOR UNIT

Title (de)

ÜBERWACHUNGS- UND ANSTEUERVORRICHTUNG FÜR EINE TOREINHEIT

Title (fr)

DISPOSITIF DE SURVEILLANCE ET DE COMMANDE POUR UNE UNITÉ PORTE

Publication

EP 2880234 A1 20150610 (DE)

Application

EP 13742210 A 20130725

Priority

- DE 102012106889 A 20120730
- EP 2013065734 W 20130725

Abstract (en)

[origin: WO2014019937A1] The invention relates to a monitoring and control device for a door unit (2), for example a roller or sectional door, having at least one sensor arrangement (16) which is disposed in the region of the door unit (2) and which is connected to a sensor control device (20) by control technology. The door unit (2) is moveable by means of a drive device (6) with a drive control unit (12) and the sensor control unit (20) is connected on the output side (24) to the drive control unit (12). The sensor arrangement (16) is formed in such a way that a 3D signal and/or a simple distance signal can be detected, and the sensor control device (20) is connected to the drive control unit (12) at the input side (26) and output side (24).

IPC 8 full level

E05F 15/00 (2015.01)

CPC (source: EP US)

E05F 15/40 (2015.01 - EP US); **E05F 15/43** (2015.01 - EP US); **E05F 15/668** (2015.01 - EP); **E06B 7/32** (2013.01 - EP); **E06B 9/68** (2013.01 - EP); **G07C 9/00896** (2013.01 - US); **E05F 2015/434** (2015.01 - EP US); **E05Y 2201/672** (2013.01 - EP); **E05Y 2400/354** (2013.01 - EP); **E05Y 2400/51** (2013.01 - EP); **E05Y 2400/52** (2013.01 - EP); **E05Y 2800/00** (2013.01 - EP); **E05Y 2800/71** (2013.01 - EP US); **E05Y 2800/73** (2013.01 - EP US); **E05Y 2900/00** (2013.01 - EP); **E05Y 2900/106** (2013.01 - EP US); **E06B 2009/6818** (2013.01 - EP); **E06B 2009/6845** (2013.01 - EP); **G07C 2009/00928** (2013.01 - US)

Citation (search report)

See references of WO 2014019937A1

Citation (examination)

- US 2006132284 A1 20060622 - MURPHY LARRY D [US], et al
- DE 202009016454 U1 20100408 - FRABA N V [NL]

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)

DE 202012012478 U1 20130215; DE 102012106889 A1 20140130; EP 2880234 A1 20150610; US 2015243115 A1 20150827; US 9466164 B2 20161011; WO 2014019937 A1 20140206

DOCDB simple family (application)

DE 202012012478 U 20120730; DE 102012106889 A 20120730; EP 13742210 A 20130725; EP 2013065734 W 20130725; US 201314417795 A 20130725