

Title (en)

SAFETY DEVICE FOR SECURING A HAZARDOUS AREA, METHOD FOR CONTROLLING A SAFETY DEVICE, COMPUTER PROGRAM PRODUCT, AND COMPUTER-READABLE RECORDING MEDIUM

Title (de)

SICHERHEITSVORRICHTUNG ZUR SICHERUNG EINER GEFAHRENSTELLE, VERFAHREN ZUR STEUERUNG EINER SICHERHEITSVORRICHTUNG, COMPUTERPROGRAMMPRODUKT UND COMPUTERLESBARES AUFZEICHNUNGSMEDIUM

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR SÉCURISER UNE ZONE DANGEREUSE, PROCÉDÉ DE COMMANDE D'UN DISPOSITIF DE SÉCURITÉ, PRODUIT PROGRAMME INFORMATIQUE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR

Publication

EP 4042062 A1 20220817 (DE)

Application

EP 20739336 A 20200708

Priority

- DE 102019127373 A 20191010
- EP 2020069266 W 20200708

Abstract (en)

[origin: WO2021069119A1] The invention relates to a safety device (10) for securing a hazardous area comprising at least one sensor grid (20) with a sensor arrangement (25), at least one transportation path (30) for transporting goods (5) with at least one optical sensor (351, 352, 35n) for determining the position of the goods (5), and a control unit (100), which, during operation, is connected to the at least one optical sensor (35) and the sensor arrangement (25), the control unit (100) being designed to receive a first signal S1 from the sensor arrangement (25) and to receive a second signal S2 from the at least one optical sensor (351, 352, 35n), the control unit 100 being designed to determine the occupancy B of the transportation path (30) depending on the first and the second signal S1, S2 and to provide a gating signal S3 to control the sensor grid (20) depending on the occupancy B of the transportation path (30).

IPC 8 full level

F16P 3/14 (2006.01)

CPC (source: EP)

F16P 3/144 (2013.01)

Citation (search report)

See references of WO 2021069119A1

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 102019127373 A1 20210415; EP 4042062 A1 20220817; WO 2021069119 A1 20210415

DOCDB simple family (application)

DE 102019127373 A 20191010; EP 2020069266 W 20200708; EP 20739336 A 20200708