

Title (en)  
Safety system for a powered door

Title (de)  
Sicherheitssystem für ein betriebenes Tor

Title (fr)  
Système de sécurité pour porte motorisée

Publication  
**EP 2469010 A2 20120627 (EN)**

Application  
**EP 11192762 A 20111209**

Priority  
GB 201021916 A 20101223

Abstract (en)  
A roller shutter door (10) is mounted on a barrel (12) above a doorway opening (14). A motor (not shown) is used to turn the barrel (12) to allow the roller shutter door (10) to be rolled up and down to either open or close the doorway (14). A leading edge (16) of the roller shutter door (10) comprises a compressible rubber strip. The leading edge (16) is secured to a lower lath (18) of the roller shutter door (10). There is a channel (20) that extends inside the length of the leading edge (16). The channel is enclosed to prevent the ingress of external light that could give undesired light detection. The passage/non-passage of light along the channel (20) is used to determine the presence of obstructions.

IPC 8 full level  
**E06B 9/68** (2006.01); **E05F 15/00** (2015.01); **E06B 9/88** (2006.01)

CPC (source: EP)  
**E05F 15/43** (2015.01); **E05F 15/70** (2015.01); **E06B 9/17046** (2013.01); **E06B 9/68** (2013.01); **E06B 9/88** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E06B 2009/6818** (2013.01); **E06B 2009/6836** (2013.01); **E06B 2009/6872** (2013.01); **E06B 2009/885** (2013.01)

Cited by  
CN106765977A; EP2909414A4; CN106765979A; CN108505917A; WO2014066158A1

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)  
**EP 2469010 A2 20120627**; **EP 2469010 A3 20150819**; **EP 2469010 B1 20170510**; GB 201021916 D0 20110202

DOCDB simple family (application)  
**EP 11192762 A 20111209**; GB 201021916 A 20101223