

Title (en)
EDGE DEVICE

Title (de)
KANTENVORRICHTUNG

Title (fr)
DISPOSITIF PÉRIPHÉRIQUE

Publication
EP 2760779 A2 20140806 (EN)

Application
EP 12787822 A 20121001

Priority
• GB 201116915 A 20110930
• GB 2012052426 W 20121001

Abstract (en)
[origin: GB2495141A] An edge device for an obstacle detection system has a housing 12 containing an array of radiation emitters 18 and means 24 for redirecting the emitted radiation through a predefined angle for receipt by a complementary edge device on an opposite side of the doorway. The complementary edge device comprises a housing 12 containing an array of radiation receivers 18 and means 20 for redirecting the received radiation through a predefined angle for receipt by the receivers. Also disclosed is a lens 20 for an edge device, comprising a lens portion 28 for focusing and/or guiding radiation incident on the lens and an interface portion 30 for interfacing with a surface of a channel 12 of the edge device to secure the lens in position in the channel when the edge device is assembled. The material of the interface portion is softer than the material of the lens portion.

IPC 8 full level
B66B 13/26 (2006.01); **G01V 8/10** (2006.01); **G01V 8/22** (2006.01)

CPC (source: EP GB)
B66B 13/26 (2013.01 - EP GB); **E05F 15/42** (2015.01 - GB); **E05F 15/43** (2015.01 - EP); **G01V 8/10** (2013.01 - EP); **G02B 7/02** (2013.01 - GB); **E05F 2015/437** (2015.01 - EP); **E05Y 2900/104** (2013.01 - EP); **G01V 8/22** (2013.01 - EP)

Citation (search report)
See references of WO 2013045953A2

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)
GB 201116915 D0 20111116; **GB 2495141 A 20130403**; **GB 2495141 B 20151209**; AU 2012314039 A1 20140522;
AU 2012314039 A8 20140626; AU 2012314039 B2 20160922; AU 2016266002 A1 20161215; CN 104080725 A 20141001;
CN 104080725 B 20161214; EP 2760779 A2 20140806; GB 201500882 D0 20150304; GB 2521945 A 20150708; GB 2521945 B 20160210;
WO 2013045953 A2 20130404; WO 2013045953 A3 20131114

DOCDB simple family (application)
GB 201116915 A 20110930; AU 2012314039 A 20121001; AU 2016266002 A 20161129; CN 201280059204 A 20121001;
EP 12787822 A 20121001; GB 2012052426 W 20121001; GB 201500882 A 20110930