

Title (en)

PROTECTION SYSTEM FOR AVOIDING OBSTACLES IN ROADSIDE TRENCHES

Title (de)

SCHUTZSYSTEM ZUR VERMEIDUNG VON HINDERNISSEN IN STRASSENGRÄBEN

Title (fr)

SYSTÈME DE PROTECTION POUR ÉVITER DES OBSTACLES DANS LES CANIVEAUX DES ROUTES

Publication

EP 2894257 A4 20160406 (EN)

Application

EP 12883590 A 20120903

Priority

ES 2012070639 W 20120903

Abstract (en)

[origin: EP2894257A1] The present invention refers to a protection system for avoiding obstacles in roadside ditches that comprises: some beams deployed over the ditch, with an end on the base of the ditch and the other at a height equal to or greater to that of the ditch, on which the separating structure is fixed to the base of the ditch and separated from the beams. Said beams are supported over the separating structure by an end fixed in the ditch.

IPC 8 full level

E01F 5/00 (2006.01); **E01C 11/22** (2006.01)

CPC (source: EP US)

E01C 11/227 (2013.01 - EP US); **E01F 5/005** (2013.01 - EP US); **E01F 15/14** (2013.01 - US); **E03F 5/0404** (2013.01 - EP US); **E03F 7/06** (2013.01 - EP US)

Citation (search report)

- [X] US 3587239 A 19710628 - FELAND OVALT A
- [A] FR 2581101 A1 19861031 - COMMUNEAU ROGER [FR]
- [A] FR 2835546 A1 20030808 - COMMUNEAU ROGER [FR]
- See references of WO 2014033334A1

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)

EP 2894257 A1 20150715; **EP 2894257 A4 20160406**; **EP 2894257 B1 20171101**; AU 2012388684 A1 20150326; ES 2656860 T3 20180228; US 2015345087 A1 20151203; WO 2014033334 A1 20140306

DOCDB simple family (application)

EP 12883590 A 20120903; AU 2012388684 A 20120903; ES 12883590 T 20120903; ES 2012070639 W 20120903; US 201213991081 A 20120903