

Title (en)

APPARATUS AND METHOD FOR MONITORING A SIGNAL TRANSMITTER OF A TRAFFIC CONTROL SIGNAL INSTALLATION, WHICH SIGNAL TRANSMITTER COMPRISES A LIGHT-EMITTING DIODE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ÜBERWACHEN EINES EINE LICHEMITTIERENDE DIODE UMFASSENDEN SIGNALGEBERS EINER LICHTSIGNALANLAGE

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR CONTRÔLER UN TRANSMETTEUR DE SIGNAL D'UN FEU DE CIRCULATION COMPORTANT UNE DIODE ÉLECTROLUMINESCENTE

Publication

**EP 3165053 A1 20170510 (DE)**

Application

**EP 15766791 A 20150917**

Priority

- DE 102014219688 A 20140929
- EP 2015071274 W 20150917

Abstract (en)

[origin: WO2016050521A1] The invention relates to an apparatus for monitoring a signal transmitter for a traffic control signal installation, which signal transmitter comprises a light-emitting diode, said apparatus comprising: a two-channel measuring device for measuring an actual light intensity of the light which is emitted by means of the diode and for measuring at least one electrical characteristic variable of the diode, and a control device for operating the signal transmitter depending on the measured actual light intensity and the measured electrical characteristic variable. The invention further relates to a corresponding method, to a signal transmitter, to a traffic control signal installation and to a computer program.

IPC 8 full level

**H05B 44/00** (2022.01)

CPC (source: EP US)

**F21V 23/0457** (2013.01 - US); **H05B 45/12** (2020.01 - EP US); **H05B 45/30** (2020.01 - EP US); **H05B 45/56** (2020.01 - EP US); **B61L 2207/02** (2013.01 - US); **F21Y 2115/10** (2016.07 - US); **H05B 45/325** (2020.01 - EP US); **H05B 45/46** (2020.01 - US)

Citation (search report)

See references of WO 2016050521A1

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)

**WO 2016050521 A1 20160407**; DK 3165053 T3 20190304; EP 3165053 A1 20170510; EP 3165053 B1 20181121; ES 2712377 T3 20190513; PL 3165053 T3 20190430; TR 201901327 T4 20190221; US 10006616 B2 20180626; US 2017227203 A1 20170810

DOCDB simple family (application)

**EP 2015071274 W 20150917**; DK 15766791 T 20150917; EP 15766791 A 20150917; ES 15766791 T 20150917; PL 15766791 T 20150917; TR 201901327 T 20150917; US 201515515268 A 20150917