

Title (en)

INTERSECTION TRAFFIC LIGHT ARRAY DRIVE CONTROL DEVICE

Title (de)

STEUERUNGSVORRICHTUNG FÜR VERKEHRSAMPELANORDNUNG AN EINER KREUZUNG

Title (fr)

DISPOSITIF DE RÉGULATION DE COMMANDE DE RÉSEAU DE FEUX DE SIGNALISATION DE CARREFOUR

Publication

EP 3370214 A4 20190717 (EN)

Application

EP 16894180 A 20161030

Priority

- CN 201610154162 A 20160317
- CN 2016103927 W 20161030
- CN 201510753648 A 20151106

Abstract (en)

[origin: EP3370214A1] A driving control apparatus for an intersection traffic light array is provided. The intersection traffic light array may include Nxi horizontal ground traffic light sets. The Nxi horizontal ground traffic light sets include a horizontal ground traffic light set pxi which is disposed at an intersection safety line position of an entrance lane xi of a planar intersection. The Nxi horizontal ground traffic light sets further include a horizontal ground traffic light set qxi which is disposed at a stop line position of the entrance lane xi. Each horizontal ground traffic light set includes at least one traffic light, and part or all of traffic lights of a horizontal ground traffic light set i are provided with a wireless driving signal input port and/or a wired driving signal input port. The apparatus can improve traffic efficiency and safety controllability of a vehicle at a plane intersection.

IPC 8 full level

G08G 1/07 (2006.01); **E01C 17/00** (2006.01); **G08G 1/095** (2006.01)

CPC (source: CN EP)

E01C 17/00 (2013.01 - CN); **G08G 1/07** (2013.01 - CN); **G08G 1/095** (2013.01 - CN EP)

Citation (search report)

- [I] CN 1308306 A 20010815 - LI YALIN [CN]
- [A] EP 0843296 A1 19980520 - PHILIPS ELECTRONICS NV [NL]
- [A] CN 202925489 U 20130508 - CUI YUNFENG
- [A] CN 203012978 U 20130619 - LIU CHUANGANG
- [A] CN 1210318 A 19990310 - NIE SHIJIN [CN]
- See references of WO 2017157021A1

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 3370214 A1 20180905; EP 3370214 A4 20190717; CN 106683423 A 20170517; CN 106683424 A 20170517; CN 106683425 A 20170517; CN 106683427 A 20170517; CN 106683428 A 20170517; CN 106683429 A 20170517; CN 106683430 A 20170517; CN 106683433 A 20170517; CN 106683434 A 20170517; WO 2017157018 A1 20170921; WO 2017157019 A1 20170921; WO 2017157020 A1 20170921; WO 2017157021 A1 20170921

DOCDB simple family (application)

EP 16894180 A 20161030; CN 201610154162 A 20160317; CN 201610154163 A 20160317; CN 201610154519 A 20160317; CN 201610154531 A 20160317; CN 201610154537 A 20160317; CN 201610154809 A 20160317; CN 201610154828 A 20160317; CN 201610157409 A 20160318; CN 201610158121 A 20160318; CN 2016103917 W 20161030; CN 2016103918 W 20161030; CN 2016103923 W 20161030; CN 2016103927 W 20161030