

Title (en)

METHOD AND DEVICE FOR DYNAMICALLY CONTROLLING A SIGNAL LIGHT SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DYNAMISCHEN STEUERN EINER LICHTSIGNALANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE DYNAMIQUE D'UN SYSTÈME DE SIGNAL LUMINEUX

Publication

**EP 3714445 A1 20200930 (DE)**

Application

**EP 18807049 A 20181119**

Priority

- DE 102017221011 A 20171123
- EP 2018081715 W 20181119

Abstract (en)

[origin: WO2019101676A1] The invention relates to a method for dynamically controlling a signal light system (2). Phases (P0, P1, P2, Pi) of the signal light system (2) are controlled by means of a controller (3) on the basis of time lost, said time lost being the total time lost (21) of all of the vehicles located in a detection radius, wherein the total time lost (21) is estimated by means of a predictive device (4) on the basis of current and estimated future vehicle positions (10-x) of the vehicles in the detection radius. The invention additionally relates to a corresponding device (1).

IPC 8 full level

**G08G 1/01** (2006.01); **G08G 1/04** (2006.01); **G08G 1/08** (2006.01)

CPC (source: EP)

**G08G 1/0112** (2013.01); **G08G 1/0116** (2013.01); **G08G 1/0129** (2013.01); **G08G 1/0145** (2013.01); **G08G 1/08** (2013.01); **G08G 1/04** (2013.01)

Citation (search report)

See references of WO 2019101676A1

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)

**DE 102017221011 A1 20190523**; **DE 102017221011 B4 20221103**; CN 111373454 A 20200703; EP 3714445 A1 20200930; WO 2019101676 A1 20190531

DOCDB simple family (application)

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