

Title (en)

METHOD AND DEVICE FOR CONTROLLING TRAFFIC FLOW

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DES VERKEHRSFLUSSES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE DU TRAFIC ROUTIER

Publication

EP 2186077 B1 20170614 (DE)

Application

EP 08786746 A 20080801

Priority

- EP 2008060126 W 20080801
- DE 102007040985 A 20070829

Abstract (en)

[origin: WO2009027173A1] Abstract: The invention relates to a method and a device for controlling traffic flow. For this purpose, information about the time duration until a traffic light (3) is switched to another traffic light phase is utilized in order to provide a speed recommendation for approaching the traffic light (3) to the driver of a vehicle (6). In order to improve the determination of the speed recommendation, the invention provides that the position (P) and the switching times (Si) of a traffic light (3) are deposited in a database (2) and can be retrieved by a vehicle (6) via a mobile radio communication connection (5), and that the driver of the vehicle (6) is provided with the speed recommendation by utilizing this information. (Fig. 1)

IPC 8 full level

G08G 1/0968 (2006.01); **B60K 31/00** (2006.01); **G08G 1/095** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP KR US)

G08G 1/095 (2013.01 - EP US); **G08G 1/0962** (2013.01 - KR); **G08G 1/096733** (2013.01 - EP US); **G08G 1/096827** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009027173 A1 20090305; CN 101842819 A 20100922; DE 102008035873 A1 20100211; EP 2186077 A1 20100519; EP 2186077 B1 20170614; JP 2010537333 A 20101202; KR 20100057669 A 20100531; US 2011095906 A1 20110428

DOCDB simple family (application)

EP 2008060126 W 20080801; CN 200880113571 A 20080801; DE 102008035873 A 20080919; EP 08786746 A 20080801; JP 2010522286 A 20080801; KR 20107006745 A 20080801; US 67500308 A 20080801