

Title (en)

Method for forecasting a traffic condition in a road network and traffic management centre

Title (de)

Verfahren zur Prognose eines Verkehrszustandes in einem Straßennetz und Verkehrsmanagementzentrale

Title (fr)

Procédé destiné à prévoir l'état du trafic dans un réseau routier et centrale de gestion du trafic

Publication

EP 1758065 A3 20070314 (DE)

Application

EP 06118087 A 20060728

Priority

DE 102005040350 A 20050825

Abstract (en)

[origin: EP1758065A2] The method involves determining traffic volumes with respect to a time point at supporting points (S1, S2, S3) arranged over a road network, where the traffic volumes are combined at a data set. Other two data sets are formed in a similar way and characterize the traffic volumes in the supporting points with respect to other time points. The data sets are combined to classes, which characterize similar traffic situations in the road network. The classes are used for forecasting a traffic condition and/or detecting an accident. Independent claims are also included for the following: (1) a traffic management centre, in which a method for forecasting a traffic condition in a road network is implemented (2) a method for controlling a traffic in the road network.

IPC 8 full level

G08G 1/01 (2006.01); **G08G 1/08** (2006.01); **G08G 1/095** (2006.01)

CPC (source: EP)

G08G 1/0104 (2013.01); **G08G 1/08** (2013.01)

Citation (search report)

- [DA] DE 10146398 A1 20030417 - SIEMENS AG [DE]
- [A] DE 10025039 A1 20011129 - DAIMLER CHRYSLER AG [DE]
- [A] DE 2911734 A1 19801016 - SIEMENS AG

Cited by

CN103198711A; CN113129585A; CN105679027A; CN112330962A; EP2040237A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1758065 A2 20070228; EP 1758065 A3 20070314; EP 1758065 B1 20080910; AT E408211 T1 20080915; DE 102005040350 A1 20070315; DE 502006001532 D1 20081023; DK 1758065 T3 20090112

DOCDB simple family (application)

EP 06118087 A 20060728; AT 06118087 T 20060728; DE 102005040350 A 20050825; DE 502006001532 T 20060728; DK 06118087 T 20060728