

Title (en)
A SYSTEM AND A METHOD FOR AN INTELLIGENT TRANSPORTATION SYSTEM

Title (de)
SYSTEM UND VERFAHREN FÜR EIN INTELLIGENTES TRANSPORTSYSTEM

Title (fr)
SYSTÈME ET PROCÉDÉ POUR UN SYSTÈME DE TRANSPORT INTELLIGENT

Publication
EP 3147882 A1 20170329 (EN)

Application
EP 15186413 A 20150923

Priority
PL 41404215 A 20150922

Abstract (en)
A method for an intelligent transportation system, the method comprising the steps of: reading (201) a vehicle's geolocation and determining a direction of its movement; determining (202) the closest traffic light based on the vehicles position and direction of movement; determining (203) a distance between the vehicle and the closest traffic light; determining (204) the closest traffic light's phase and its remaining time; determining (205) a number of vehicles in the group of vehicles between the vehicle and the closest traffic light; and based on the aforementioned data, calculating (206) an optimum vehicle speed and transmitting (207) the result of this calculation to the vehicle.

IPC 8 full level
G08G 1/01 (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)
G08G 1/0112 (2013.01); **G08G 1/0145** (2013.01); **G08G 1/096716** (2013.01); **G08G 1/096758** (2013.01); **G08G 1/096775** (2013.01)

Citation (applicant)
• US 5519390 A 19960521 - CASINI PETER [US]
• US 2013110371 A1 20130502 - OGAWA YUKI [JP]

Citation (search report)
• [X] WO 2013109472 A1 20130725 - ON TIME SYSTEMS INC [US]
• [XYI] DE 102010052702 A1 20120531 - AUDI AG [DE]
• [X] DE 102012006708 A1 20121018 - DAIMLER AG [DE]
• [YA] DE 102009042923 A1 20110804 - SIEMENS AG [DE]

Cited by
CN110228479A; US2024124009A1; CN107331182A; EP3905218A1; WO2024081192A1

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)
EP 3147882 A1 20170329; PL 414042 A1 20170327

DOCDB simple family (application)
EP 15186413 A 20150923; PL 41404215 A 20150922