

Title (en)
METHOD AND SYSTEM FOR ENHANCED TRAFFIC LIGHT SIGNALING AND FOR COMPUTING A TARGET SPEED OF AN AUTOMOTIVE VEHICLE

Title (de)
VERFAHREN UND SYSTEM ZUR VERBESSERTEN VERKEHRSAMPELSIGNALISIERUNG UND ZUR BERECHNUNG EINER ZIELGESCHWINDIGKEIT EINES KRAFTFAHRZEUGS

Title (fr)
PROCÉDÉ ET SYSTÈME DE SIGNALISATION DE FEU DE CIRCULATION AMÉLIORÉE ET DE CALCUL D'UNE VITESSE CIBLE D'UN VÉHICULE AUTOMOBILE

Publication
EP 3559927 A1 20191030 (EN)

Application
EP 17828922 A 20171222

Priority
• LU 93392 A 20161222
• EP 2017084535 W 20171222

Abstract (en)
[origin: WO2018115511A1] The invention provides a method and devices for determining a target speed of an automotive vehicle approaching a traffic light. The method uses extended traffic information signalling and allows for the computation of a target speed that allows, for example, the vehicle to pass the traffic light during a green phase and while there is no waiting queue in front of the traffic light. Other targets such as reducing CO2 emissions or overall energy consumption of the vehicle approaching the traffic light may also be taken into account when computing the target speed.

IPC 8 full level
G08G 1/04 (2006.01); **G08G 1/042** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)
G08G 1/04 (2013.01); **G08G 1/042** (2013.01); **G08G 1/096716** (2013.01); **G08G 1/096725** (2013.01); **G08G 1/096758** (2013.01); **G08G 1/096783** (2013.01)

Citation (search report)
See references of WO 2018115511A1

Cited by
CN113299080A

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)
WO 2018115511 A1 20180628; EP 3559927 A1 20191030; EP 3559927 B1 20220316; LU 93392 B1 20180622

DOCDB simple family (application)
EP 2017084535 W 20171222; EP 17828922 A 20171222; LU 93392 A 20161222