

Title (en)

METHOD FOR GENERATING A TRAFFIC CONTROL SIGNAL

Title (de)

VERFAHREN ZUR ERZEUGUNG EINES VERKEHRSSTEUERSIGNALS

Title (fr)

PROCÉDÉ POUR GÉNÉRER UN SIGNAL DE COMMANDE DE TRAFIC

Publication

EP 3594920 A1 20200115 (EN)

Application

EP 18182422 A 20180709

Priority

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Abstract (en)

Computer-implemented method for generating a traffic control signal for controlling a traffic approaching a traffic light, wherein at least one vehicle is detected at a first time at a first position of the road upstream the traffic light, wherein a prediction model predicts based on the detected first time a second time at which the vehicle will reach a second position, wherein the second position is closer at the traffic light than the first position, wherein the traffic control signal is generated considering the predicted second time.

IPC 8 full level

G08G 1/01 (2006.01); **G08G 1/08** (2006.01); **G08G 1/081** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)

G08G 1/0112 (2013.01); **G08G 1/0145** (2013.01); **G08G 1/08** (2013.01); **G08G 1/081** (2013.01); **G08G 1/096775** (2013.01); **G08G 1/096783** (2013.01)

Citation (applicant)

QIAO, F. ET AL.: "Intelligent simulation and prediction of traffic flow dispersion", TRANSPORTATION RESEARCH PART B: METHODOLOGICAL, 2001, pages 843 - 863

Citation (search report)

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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)

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