

Title (en)
VEHICLE BLOCKER SYSTEM IN RED TRAFFIC LIGHT

Title (de)
FAHRZEUGBLOCKERSYSTEM IN ROTER VERKEHRSSAMPEL

Title (fr)
SYSTÈME DE BLOCAGE DE VÉHICULE DANS UN FEU ROUGE

Publication
EP 3493176 A1 20190605 (EN)

Application
EP 17204414 A 20171129

Priority
EP 17204414 A 20171129

Abstract (en)
The present invention refers to a system and a method for preventing vehicles from crossing a red traffic signal that indicates to stop the vehicle. The system preferably comprises of, at least one signal transmitter 2 provided at traffic signal location, at least one signal receiver 4 provided inside at least one wheel 3 of the vehicle, at least one breather valve 6 and at least on control block 5 provided in at least one wheel 3 of the vehicle. The signal receiver 4 connected to the control block 5 for transferring the received alert signal 7 from the signal transmitter 2 to the control block 5. The control block 5 configured for controlling and/or opening the breather valve 6 that is attached to the control block 5. The alert signal 7 enables the control block 5 for sending control signal to open the breather valve 6 to release air from the wheel 3 tire 9 for a predetermined time thereby to alert a driver of the vehicle for preventing the vehicle from crossing the red signal.

IPC 8 full level
G08G 1/095 (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)
G08G 1/095 (2013.01); **G08G 1/096725** (2013.01); **G08G 1/096783** (2013.01)

Citation (search report)
• [I] US 2007222638 A1 20070927 - CHEN YANG [US], et al
• [A] US 2007080012 A1 20070412 - RASTEGAR JAHANGIR S [US], et al

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 3493176 A1 20190605; TR 201721516 A2 20190621

DOCDB simple family (application)
EP 17204414 A 20171129; TR 201721516 A 20171225