

Title (en)  
REMOTE GUIDANCE FOR AUTONOMOUS VEHICLES

Title (de)  
FERNFÜHRUNG FÜR AUTONOME FAHRZEUGE

Title (fr)  
GUIDAGE À DISTANCE POUR VÉHICULES AUTONOMES

Publication  
EP 4308430 A1 20240124 (EN)

Application  
EP 22772009 A 20220314

Priority  
• US 202117204066 A 20210317  
• US 2022020231 W 20220314

Abstract (en)  
[origin: WO2022197628A1] Systems, methods, and computer-readable media are disclosed for a systems and methods for remote guidance for autonomous vehicles. An example method may include capturing, at a first time and by a camera of an autonomous vehicle, at least one of: an image or video feed of a first traffic signal at an intersection. The example method may also include classifying, based on the image or the video feed of the first traffic signal, a state of a color of the first traffic signal as unknown. The example method may also include halting movement of the autonomous vehicle at the intersection based on classifying the state of the color of the first traffic signal as unknown. The example method may also include sending a request for guidance to a remote operator device, the request including the image or video feed of the first traffic signal. The example method may also include receiving, from the remote operator device, a first guidance. The example method may also include performing, based on the first guidance, a first action including at least one of: remaining halted at the intersection or proceeding through the intersection.

IPC 8 full level  
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Citation (search report)  
See references of WO 2022197628A1

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

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KH MA MD TN

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US 2022020231 W 20220314; CN 202280009354 A 20220314; EP 22772009 A 20220314