

Title (en)
TRAFFIC CONTROL SYSTEM

Title (de)
VERKEHRSKONTROLLSYSTEM

Title (fr)
SYSTÈME DE COMMANDE DE TRAFIC

Publication
EP 3929892 A1 20211229 (EN)

Application
EP 20182410 A 20200626

Priority
EP 20182410 A 20200626

Abstract (en)
A Traffic control system 100 for managing the flow of vehicles within a predefined sector of a road, the predefined sector being divided into subsections and the traffic control system having a plurality of traffic control devices 1a-d connected to a network, each traffic control device is configured to control the flow of the traffic in a subsection of the predefined sector and comprises at least one communication unit 20 for receiving or transmitting data from a remotely located communication unit, wherein the communication unit 20 is configured to receive an entry request from a vehicle 10 approaching the subsection before entering said subsection, and transmit one token 2a-d with one entry permission flag 3a-d for said subsection to said vehicle 10 in response to said entry request, if at least one token 2a-d and at least one entry permission flag 3a-d is stored in a data storage space 13 linked to said subsection.

IPC 8 full level
G08G 1/065 (2006.01); **G07B 15/06** (2011.01); **G08G 1/0965** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)
G07B 15/063 (2013.01); **G08G 1/065** (2013.01); **G08G 1/0965** (2013.01); **G08G 1/096716** (2013.01); **G08G 1/096725** (2013.01); **G08G 1/096741** (2013.01); **G08G 1/096775** (2013.01); **G08G 1/096783** (2013.01)

Citation (applicant)
• US 2019130739 A1 20190502 - KHEDKAR AMOL [US], et al
• US 2019302781 A1 20191003 - TAO JIAMING [US], et al

Citation (search report)
• [XA] DE 102013108034 B3 20150108 - DEUTSCHES ZENTRUM FUER LUFT & RAUMFAHRT EV [DE]
• [A] US 2019287396 A1 20190919 - SAYIN MUHAMMED O [US], et al
• [A] US 2019051166 A1 20190214 - BRONK MATEUSZ [PL]
• [A] US 2019311617 A1 20191010 - KARAOGUZ CEM [FR]

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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