

Title (en)

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR SPEEDING DETECTION

Title (de)

SYSTEM, VERFAHREN UND COMPUTERPROGRAMMPRODUKT ZUR ERKENNUNG VON GESCHWINDIGKEITSÜBERSCHREITUNGEN

Title (fr)

SYSTÈME, PROCÉDÉ ET PRODUIT PROGRAMME INFORMATIQUE POUR UNE DÉTECTION D'EXCÈS DE VITESSE

Publication

**EP 3906427 A4 20230329 (EN)**

Application

**EP 19907735 A 20191215**

Priority

- IL 26405119 A 20190101
- IL 2019051369 W 20191215

Abstract (en)

[origin: WO2020141504A1] Speeding detection system comprising radar unit/s having a field of view of at least a portion of a network of roads, configured to track vehicles travelling along roads and to determine which tracked vehicles are committing traffic offenses and to continue tracking vehicles committing traffic offenses at least until each of the vehicles committing traffic offenses have entered a field of view of a camera synchronized to the radar unit and deployed along the network of roads and operative to generate image/s of vehicle/s detected by the radar unit committing a traffic offense, thereby to facilitate image processing including identification of license plate and reading license plate number and issuance of a ticket to owner associated with license plate number.

IPC 8 full level

**G01S 13/92** (2006.01); **G01S 7/00** (2006.01); **G01S 13/86** (2006.01); **G01S 13/87** (2006.01); **G06Q 10/10** (2012.01); **G06Q 50/26** (2012.01); **G08G 1/017** (2006.01); **G06Q 50/30** (2012.01); **G08G 1/01** (2006.01); **G08G 1/04** (2006.01); **G08G 1/054** (2006.01)

CPC (source: EP)

**G01S 7/003** (2013.01); **G01S 13/867** (2013.01); **G01S 13/87** (2013.01); **G01S 13/92** (2013.01); **G06Q 10/10** (2013.01); **G06Q 50/26** (2013.01); **G06Q 50/40** (2024.01); **G08G 1/0116** (2013.01); **G08G 1/0133** (2013.01); **G08G 1/04** (2013.01); **G08G 1/054** (2013.01)

Citation (search report)

- [XYI] DE 202012103986 U1 20121109 - BARSKY ILYA VICTOROVICH [RU]
- [XYI] EP 3086294 A1 20161026 - PERKONS S A [BB]
- [XYI] US 2014195138 A1 20140710 - STELZIG CHAD [US], et al
- [Y] EP 3082119 A1 20161019 - VITRONIC DR ING STEIN BILDVERARBEITUNGSSYSTEME GMBH [DE]
- [YD] STEFAN V BAUMGARTNER ET AL: "Fast GMTI Algorithm For Traffic Monitoring Based On A Priori Knowledge", IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, IEEE, USA, vol. 50, no. 11, 1 November 2012 (2012-11-01), pages 4626 - 4641, XP011472398, ISSN: 0196-2892, DOI: 10.1109/TGRS.2012.2193133
- See references of WO 2020141504A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2020141504 A1 20200709**; EP 3906427 A1 20211110; EP 3906427 A4 20230329; IL 264051 A 20200730

DOCDB simple family (application)

**IL 2019051369 W 20191215**; EP 19907735 A 20191215; IL 26405119 A 20190101