

Title (en)

OPTICAL ROUTE EXAMINATION SYSTEM AND METHOD

Title (de)

OPTISCHES ROUTENUNTERSUCHUNGSSYSTEM UND VERFAHREN

Title (fr)

SYSTÈME D'EXAMEN DE TRAJET OPTIQUE ET PROCÉDÉ

Publication

EP 2993105 A3 20160720 (EN)

Application

EP 15184083 A 20150907

Priority

US 201414479847 A 20140908

Abstract (en)

[origin: EP2993105A2] Optical route examination systems and methods described herein obtain image data of a field of view (108, 110) of a camera (106; 1606) disposed onboard a first vehicle (102; 1602) as the first vehicle (102; 1602) moves along a first route (120; 1620), and autonomously examine the image data onboard the first vehicle (102) to identify one or more of a feature of interest (200, 202, 204; 500; 804, 806, 808; 1000, 1002, 1004; 1100, 1102, 1104; 1704; 2002, 2006) or a designated object (200, 202, 204; 500; 804, 806, 808; 1000, 1002, 1004; 1100, 1102, 1104; 1704; 2002, 2006).

IPC 8 full level

B61L 23/04 (2006.01)

CPC (source: EP)

B61L 23/041 (2013.01); **B61L 23/045** (2013.01); **B61L 23/047** (2013.01); **B61L 23/048** (2013.01)

Citation (search report)

- [X] EP 0953491 A1 19991103 - AZIENDA TRASPORTI MILANESI [IT]
- [X] US 2007217670 A1 20070920 - BAR-AM MICHAEL [IL]
- [X] US 2012263342 A1 20121018 - HAAS NORMAN [US], et al

Cited by

EP3529123A4; RU2720749C1; RU2742960C1; GB2611818A; RU2719499C1; CN115402365A; WO2018073778A1; WO2018104477A1; US11021177B2; US11648968B2; EP3782871A4; EP4049914A3; EP4095012A3; WO2018104454A3; WO2023067318A1; WO2023099292A1

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 2993105 A2 20160309; EP 2993105 A3 20160720; EP 2993105 B1 20171129; CN 105398471 A 20160316; CN 105398471 B 20190219; JP 2016058086 A 20160421; JP 6697797 B2 20200527

DOCDB simple family (application)

EP 15184083 A 20150907; CN 201510565052 A 20150908; JP 2015173383 A 20150903