

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 A2 20160309 (EN)**

Application

**EP 15184083 A 20150907**

Priority

US 201414479847 A 20140908

Abstract (en)

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)

Cited by

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