

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 B1 20171129 (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)

Cited by

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

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