

Title (en)

LASER SCANNER WITH REAL-TIME, ONLINE EGO-MOTION ESTIMATION

Title (de)

LASERSCANNER MIT ONLINE-EIGENBEWEGUNGSSCHÄTZUNG IN ECHTZEIT

Title (fr)

SCANNER LASER À ESTIMATION D'ÉGO-MOUVEMENT EN LIGNE EN TEMPS RÉEL

Publication

EP 3526626 A1 20190821 (EN)

Application

EP 17860192 A 20171010

Priority

- US 201662406910 P 20161011
- US 2017021120 W 20170307
- US 2017055938 W 20171010

Abstract (en)

[origin: WO2018071416A1] A method comprises accessing a data set comprising a LIDAR acquired point cloud comprising a plurality of points each of which are attributed with at least a geospatial coordinate, sub-sampling at least a portion of the plurality of points to derive a representative sample of the plurality of points and displaying the representative sample of the plurality of points.

IPC 8 full level

G01S 17/89 (2020.01); **G01S 17/66** (2006.01); **G01S 17/86** (2020.01)

CPC (source: EP US)

G01S 7/4808 (2013.01 - EP); **G01S 7/4813** (2013.01 - EP); **G01S 7/51** (2013.01 - EP); **G01S 17/42** (2013.01 - EP); **G01S 17/66** (2013.01 - EP); **G01S 17/86** (2020.01 - EP); **G01S 17/89** (2013.01 - EP US); **G01C 21/1656** (2020.08 - EP)

Cited by

US11398075B2; US11830136B2; US11815601B2; US11573325B2; US12014533B2; US10989542B2; US11506500B2; US11585662B2

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)

WO 2018071416 A1 20180419; EP 3526626 A1 20190821; EP 3526626 A4 20200527; JP 2019532433 A 20191107

DOCDB simple family (application)

US 2017055938 W 20171010; EP 17860192 A 20171010; JP 2019519657 A 20171010