Title (en)

LASER TRACKER SYSTEM

Title (de)

LASERVERFOLGERSYSTEM

Title (fr)

SYSTÈME SUIVEUR LASER

Publication

EP 3423866 A1 20190109 (EN)

Application

EP 16810553 A 20161123

Priority

- US 201615055699 A 20160229
- US 2016063457 W 20161123

Abstract (en)

[origin: WO2017151196A1] 3D coordinate measurement system that includes a retroreflector (2810) and a laser tracker (2820), the laser tracker having a first light source (47) configured to emit a first beam of light from the laser tracker, a structure (15) rotatable about a first axis (18) and a second axis (20), a second light source (54), a first camera (52) proximate the second light source, and a processor (800) responsive to executable instructions which when executed by the processor is operable to: in a first instance, determine that a follow-operator gesture has been given by an operator (2805), which may be performed with the retroreflector (2810) held in a hand of the operator, and in response rotate the structure to follow (2825B) movement of the operator; and in a second instance, determine that a lock-on gesture (2815B) has been given by the operator, which may be performed with the retroreflector held in a hand of the operator, and in response, steer the first beam of light onto the retroreflector.

IPC 8 full level

G01S 17/66 (2006.01); **G01S 7/48** (2006.01); **G01S 17/48** (2006.01); **G06F 3/01** (2006.01)

CPC (source: EP)

G01C 15/002 (2013.01); **G01S 7/48** (2013.01); **G01S 17/48** (2013.01); **G01S 17/66** (2013.01); **G06F 3/017** (2013.01); **G06F 3/0304** (2013.01); **G06F 3/0325** (2013.01); **G06F 3/0346** (2013.01)

Citation (search report)

See references of WO 2017151196A1

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 2017151196 A1 20170908; EP 3423866 A1 20190109; JP 2019507349 A 20190314

DOCDB simple family (application)

US 2016063457 W 20161123; EP 16810553 A 20161123; JP 2018545474 A 20161123