

Title (en)

SYSTEM FOR DETERMINING A THREE-DIMENSIONAL IMAGE OF AN ELECTRIC CIRCUIT

Title (de)

SYSTEM ZUR BESTIMMUNG EINES DREIDIMENSIONALEN BILDES EINER ELEKTRISCHEN SCHALTUNG

Title (fr)

SYSTEME DE DETERMINATION D'UNE IMAGE TRIDIMENSIONNELLE D'UN CIRCUIT ELECTRONIQUE

Publication

EP 2951526 A1 20151209 (FR)

Application

EP 14705849 A 20140130

Priority

- FR 1350813 A 20130131
- FR 2014050168 W 20140130

Abstract (en)

[origin: WO2014118469A1] The invention relates to a method for determining three-dimensional images of an object (Card), comprising: the projection of a display onto the object by means of a projector (P); the acquisition of a plurality of two-dimensional images of the object by means of at least one first image sensor (C), a relative movement of the object in relation to the assembly comprising the projector and the image sensor being carried out during the acquisitions of the images; and the determination of the height of each point of the object as corresponding to an extremum of a function obtained from the acquired two-dimensional images.

IPC 8 full level

G01B 11/245 (2006.01); **H04N 13/239** (2018.01)

CPC (source: EP US)

G01B 11/245 (2013.01 - EP US); **G01B 11/254** (2013.01 - US); **G06T 7/0004** (2013.01 - US); **G06T 7/20** (2013.01 - US); **H04N 13/239** (2018.04 - EP US); **H04N 2013/0081** (2013.01 - US)

Citation (search report)

See references of WO 2014118469A1

Citation (examination)

- DE 102009043823 A1 20100729 - WERTH MESSTECHNIK GMBH [DE]
- US 2015054922 A1 20150226 - FISKER RUNE [DK], et al
- US 6795200 B1 20040921 - BARMAN ROD [CA], et al

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)

FR 3001564 A1 20140801; **FR 3001564 B1 20160527**; CN 105283732 A 20160127; EP 2951526 A1 20151209; KR 20150111944 A 20151006; US 2015365651 A1 20151217; WO 2014118469 A1 20140807

DOCDB simple family (application)

FR 1350813 A 20130131; CN 201480006571 A 20140130; EP 14705849 A 20140130; FR 2014050168 W 20140130; KR 20157021069 A 20140130; US 201414763865 A 20140130