

Title (en)

METHOD FOR SETTING A VIEWING DIRECTION IN A REPRESENTATION OF A VIRTUAL ENVIRONMENT

Title (de)

VERFAHREN ZUM EINSTELLEN EINER BLICKRICHTUNG IN EINER DARSTELLUNG EINER VIRTUELLEN UMGEBUNG

Title (fr)

PROCÉDÉ DE RÉGLAGE D'UNE DIRECTION DE REGARD DANS UNE REPRÉSENTATION D'UN ENVIRONNEMENT VIRTUEL

Publication

**EP 3458935 A1 20190327 (DE)**

Application

**EP 17722406 A 20170427**

Priority

- DE 102016109153 A 20160518
- EP 2017060088 W 20170427

Abstract (en)

[origin: WO2017198441A1] Proposed is a method for setting a viewing direction in a representation of a virtual environment. The method includes recording a known object in a real environment with a recording device. The method further includes a determination of a rotational offset of the viewing direction in the representation of the virtual environment about a yaw axis of the representation of the virtual environment, based upon the recording of the object, a known position of the recording device in the real environment and a current viewing direction in the representation of the virtual environment. The method further includes a turning of the viewing direction in the representation of the virtual environment by the amount of the rotational offset.

IPC 8 full level

**G06F 3/01** (2006.01); **G06T 7/246** (2017.01); **G06T 7/73** (2017.01)

CPC (source: EP KR US)

**G02B 27/0172** (2013.01 - US); **G06F 3/011** (2013.01 - EP US); **G06F 3/012** (2013.01 - EP US); **G06F 3/013** (2013.01 - KR); **G06T 3/02** (2024.01 - US); **G06T 7/73** (2016.12 - US); **G06T 7/74** (2016.12 - EP KR US); **G02B 2027/0138** (2013.01 - US); **G02B 2027/0187** (2013.01 - KR); **G06T 2207/30244** (2013.01 - EP KR US); **H04M 2250/52** (2013.01 - KR)

Citation (search report)

See references of WO 2017198441A1

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 2017198441 A1 20171123**; CA 3022914 A1 20171123; CN 109313488 A 20190205; DE 102016109153 A1 20171123; EP 3458935 A1 20190327; JP 2019519842 A 20190711; JP 6676785 B2 20200408; KR 102184619 B1 20201130; KR 20190005222 A 20190115; US 10885663 B2 20210105; US 2019180471 A1 20190613

DOCDB simple family (application)

**EP 2017060088 W 20170427**; CA 3022914 A 20170427; CN 201780030608 A 20170427; DE 102016109153 A 20160518; EP 17722406 A 20170427; JP 2018560615 A 20170427; KR 20187035912 A 20170427; US 201716302110 A 20170427