Title (en)

ACQUISITION AND ANIMATION OF SURFACE DETAIL IMAGES

Title (de)

AQUISITION UND ANIMATION VON OBERFLÄCHEN-DETAILDARSTELLUNGEN

Title (fr)

ACQUISITION ET ANIMATION D'IMAGES DE DETAILS DE SURFACE

Publication

EP 1040450 A1 20001004 (EN)

Application

EP 98961969 A 19981207

Priority

- US 9825955 W 19981207
- US 6841497 P 19971222

Abstract (en)

[origin: WO9933026A1] A multi-perspective image database and apparatus for a target object may be generated by: recording (element 10) an image of the object with a camera on an imaging assembly; determining the position (element 20) of the imaging assembly relative to the object; storing the image (element 30) recorded by the camera; storing image parameters and the position (element 40) of the imaging assembly corresponding to the image; moving the image assembly to a new position relative to the object; and repeating the preceeding steps. An animation sequence apparatus and generation using images in the database by: selecting a trajectory (element 70) of viewing position, viewing direction, viewing distance, and/or viewing time by a user; selecting, cropping or splicing, scaling, and sequencing (element 60) images from the image database using the user-selected trajectory, stored image parameters, and stored imaging assembly positions; presenting (element 90) the selected, scaled, and sequenced images from the image database as an animation sequence.

IPC 1-7 (main, further and additional classification)

G06T 13/00

IPC 8 full level (invention and additional information)

G06T 1/00 (2006.01); **G06T 13/80** (2011.01)

CPC (invention and additional information)

G06T 13/80 (2013.01); **G06T 1/0007** (2013.01)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

EPO simple patent family

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