

Title (en)

METHOD FOR PROVISION OF A SERIES OF DIGITAL IMAGES

Title (de)

VERFAHREN ZUR BEREITSTELLUNG EINER REIHE VON DIGITALEN BILDERN

Title (fr)

PROCÉDÉ DE FOURNITURE D'UNE SÉRIE D'IMAGES NUMÉRIQUES

Publication

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Application

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Priority

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- DK 2010050359 W 20101223

Abstract (en)

[origin: WO2011076221A2] The invention is a method for automatically recording of a digital image series that can be used for object VR by using a movable and navigable structure on which a monocular recorder unit is supported by a mechanism with many degrees of freedom for movement of the recorder unit around the object desired to be rendered in object VR, and recording images from a number of defined halt positions. The images can be reproduced, because the recorder unit records the images in a precise pre-programmed path around the object. Data are stored on the viewpoint and angle of the images in relation to a point that is defined before the image recording is initiated. The system used for recording the images can be operated by one operator, and with this system, an unprecedented precision is obtained in object VR image series of large objects without the use of rails or other visible tracking devices to guide a monocular recorder unit around the object. A dimensionally stable 3D model can be created on the basis of the object VR image series, because the viewpoints and angles of the images are known.

IPC 8 full level

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