

Title (en)

ARRANGEMENT AND METHOD FOR CAPTURING AND REPRODUCING IMAGES OF A SCENE AND/OR AN OBJECT

Title (de)

ANORDNUNG UND VERFAHREN ZUR AUFNAHME UND WIEDERGABE VON BILDERN EINER SZENE UND/ODER EINES OBJEKTES

Title (fr)

ENSEMBLE ET PROCÉDÉ POUR CAPTURER ET REPRODUIRE DES IMAGES D'UNE SCÈNE ET/OU D'UN OBJET

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008061490A2] The invention relates to an arrangement and a method for capturing and displaying images of a scene and/or an object. Said arrangement and method are particularly suited to display the captured images in a three-dimensionally perceptible manner. The aim of the invention is to create a new possibility to take images of real scenes and/or objects with as little effort as possible and then autostereoscopically display the same in a three-dimensional fashion from two or more perspectives. Said aim is achieved by providing at least one main camera of a first camera type for recording images, at least one satellite camera of a second camera type for recording images, an image converting device which is mounted behind the cameras, and a 3D image display device, the two camera types differing from each other in at least one parameter. A total of at least three cameras is provided. Also disclosed is a method for transmitting 3D data.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008064617A1

Citation (examination)

- EP 1418766 A2 20040512 - IMAX CORP [CA]
- US 6271876 B1 20010807 - MCINTYRE DALE F [US], et al
- DE 102004061998 A1 20060706 - BOSCH GMBH ROBERT [DE]
- US 2003231179 A1 20031218 - SUZUKI NORIHISA [US]

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