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(54) Title (EN): VOLUMETRIC CAPTURE OF OBJECTS WITH A SINGLE RGBD CAMERA

(54) Title (FR): CAPTURE VOLUMÉTRIQUE D'OBJETS À L'AIDE D'UNE CAMÉRA RGBD UNIQUE

(57) Abstract:

(EN): A method includes receiving a first image including color data and depth data, determining a viewpoint associated with an augmented reality (AR) and/or virtual reality (VR) display displaying a second image, receiving at least one calibration image including an object in the first image, the object being in a different pose as compared to a pose of the object in the first image, and generating the second image based on the first image, the viewpoint and the at least one calibration image.

(FR): Un procédé consiste à recevoir une première image comprenant des données de couleur et des données de profondeur, à déterminer un point de vue associé à un affichage de réalité augmentée (AR) et/ou de réalité virtuelle (VR) affichant une seconde image, à recevoir au moins une image d'étalonnage comprenant un objet dans la première image, l'objet étant dans une pose différente par rapport à une pose de l'objet dans la première image, et à générer la seconde image sur la base de la première image, du point de vue et de la ou des images d'étalonnage.

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