

Title (en)
METHOD FOR GENERATING A REPRESENTATION OF SURROUNDINGS

Title (de)
VERFAHREN ZUM ERZEUGEN EINER DARSTELLUNG EINER UMGEBUNG

Title (fr)
PROCÉDÉ POUR GÉNÉRER UNE REPRÉSENTATION D'UN ENVIRONNEMENT

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Abstract (en)
[origin: WO2011060886A2] The invention relates to a method for generating a representation (38, 56) of surroundings, in which a camera (4) captures at least one image (26, 58, 60) of the surroundings in a specific camera position. According to the invention, assuming that the surroundings have a known topography, the representation (38, 56) is generated from the shape of the topography, the camera position relative to the topography, and the image (26, 58, 60) in the form of a virtual representation (38, 56) from the view of an observation point (40, 42, 44) located at a distance from the camera position. It is thus possible to select an advantageous view of objects (28, 30, 62, 64, 66) represented in the image, thus allowing an operator to easily determine the position of said objects relative to the camera (4).

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See references of WO 2011060886A2

Citation (examination)
EP 1179958 A1 20020213 - MATSUSHITA ELECTRIC IND CO LTD [JP]

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