

Title (en)

METHOD AND DEVICE FOR GENERATING 3D IMAGES

Title (de)

ERZEUGUNG EINER STEREO-BILDFOLGE AUS EINER 2D-BILDFOLGE

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION D'IMAGES 3D

Publication

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Application

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Abstract (en)

[origin: WO0176258A2] The invention relates to a method and to a device for generating 3D images, according to which an image of a second sequence of images is generated in addition to an image of a first sequence of 2D images at an interval that can be determined via an approximation variable (α). A measure of similarity (d_k) between successive images of the first sequence is determined and compared with threshold values ($\delta_0 < \delta_1 < \delta_2$) so as to modify the approximation variable (α) depending thereon in such a manner that the stereo base width does not turn unnaturally large. A phase analyzer (12) is used to determine a prevailing direction of movement in successive images of the first sequence of images and a phase converter (16) is used to allocate the image of the first and second sequence of images to a left-hand or right-hand viewing channel depending on a prevailing direction of movement in successive images of the first sequence.

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