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ANIMATION SYSTEMS

Title (de)
ANIMATIONSSYSTEME

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SYSTEMES D'ANIMATION

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Abstract (en)
[origin: WO2005116932A1] This invention relates to methods, apparatus, computer program code and signals for capturing and animating images. A method of providing an animated image, the method comprising: inputting and storing two-dimensional image data defining an image; inputting and storing coordinate data defining one or more reference coordinates within said image identifying at least one portion of said image for animation; inputting audio data defining sounds to which animation of said image is to be synchronised; reading a portion of said audio data; determining deformation mesh data for said image responsive to said portion of audio data using said coordinate data, said deformation mesh data defining a deformation mesh for generating a deformed version of said image; mapping said stored image data using said deformation mesh data to generate deformed image data defining an image deformed in accordance with said mesh; outputting said deformed image data to provide a frame of said animated image; and repeating said reading, determining, mapping and outputting to provide data for said animated image.

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