

Title (en)
METHODS AND APPARATUSES FOR SUPERIMPOSITION OF IMAGES

Title (de)
VERFAHREN UND VORRICHTUNGEN ZUR ÜBERLAGERUNG VON BILDERN

Title (fr)
PROCEDES ET APPAREILS DE SUPERPOSITION D'IMAGES

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Abstract (en)
[origin: WO0169942A2] In one embodiment of this invention, two sub-images for superimposition are created using a single spatial light modulator. A first sub-image is projected with the SLM at a first position and, during the same frame, a second sub-image is projected using the same SLM at a second position. In another embodiment, high resolution, stereoscopic images are created using the principle of temporal superimposition and an electronic projection system having a minimum of low resolution SLMs. The invention alternately projects off-set image sub-fields to each eye, which are then combined by the human visual system into a single, integrated high resolution image. The human visual system similarly integrates the separate left and right eye images into a single, three dimensional image.

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