

Title (en)
APPARATUS FOR VIEWING STEREOSCOPIC IMAGES

Title (de)
GERÄT ZUR GRAPHISCHEN DARSTELLUNG SPEKTROSKOPISCHER BILDER

Title (fr)
DISPOSITIF PERMETTANT DE VISIONNER DES IMAGES STEREOSCOPIQUES

Publication
EP 0943115 A1 19990922 (EN)

Application
EP 97952263 A 19971205

Priority
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Abstract (en)
[origin: WO9825172A1] An apparatus for forming an autostereoscopic image in which the stereoscopic image of a picture on an image plate, such as a Vectograph or the like, can be viewed without the need for polarizing glasses. The apparatus includes a polarizing system, such as a pair of polarizers or a polarizing prism, for forming two distinctively polarized rays of light. A light source is provided for projecting light through the polarizing system to form a first set of rays of polarized light and a second set of rays of polarized light. The light source is oriented relative to the image plate such that the first and second rays of polarized light pass through the picture on the image plate. The apparatus also includes a lens for directing the first and second set of rays of polarized light towards a spatial volume at which a stereoscopic image of the picture is formed. In this manner, the stereoscopic image of the picture on the image plate can be observed by a viewer positioned within a defined spatial volume without need for the viewer to wear polarizing glasses.

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