

Title (en)
ASSEMBLY FOR THE SELECTIVE THREE-DIMENSIONAL OR TWO-DIMENSIONAL REPRESENTATION OF IMAGES

Title (de)
ANORDNUNG ZUR WAHLWEISE DREIDIMENSIONAL WAHRNEHMBAREN ODER ZWEIDIMENSIONALEN DARSTELLUNG VON BILDERN

Title (fr)
DISPOSITIF POUR REALISER LA REPRESENTATION TRIDIMENSIONNELLE VRAISEMBLABLE OU BIDIMENSIONNELLE D'IMAGES

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Application
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Priority

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Abstract (en)
[origin: WO2006029716A1] The invention relates to an assembly for the selective three-dimensional or two-dimensional representation of images. The inventive assembly comprises an image reproduction unit (1) with a plurality of image elements, which in a predetermined allocation represent information from one or more views of a scene, object or text, a filter array (2) that is located behind the image reproduction unit (1) in the line of vision (B) of an observer, a first scattering layer (3) that is located behind the image reproduction unit (1) and in front of the filter array (2) in the line of vision of the observer, said layer being switched back and forth between a transparent condition and a scattering condition and a second scattering layer (4) that is located in front of the image reproduction unit (1) in the line of vision (B) of the observer and lies directly on said unit, the layer corresponding preferably to an anti-glare matt layer. The filter elements are arranged in such a way that defined expansion directions are predetermined for the light that is emitted by the image reproduction unit (1) in the transparent condition of the first scattering layer (3), said directions remaining essentially unaffected by the second scattering layer (4) and the structuring of the light that passes through the filter array (2) in the scattering condition of the first scattering layer (3) is reduced in relation to the first condition.

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