

Title (en)
PERSONAL VISUAL DISPLAY

Title (de)
INDIVIDUELLE ANZEIGEVORRICHTUNG

Title (fr)
AFFICHAGE PERSONNEL

Publication
EP 0763216 A2 19970319 (EN)

Application
EP 95914671 A 19940831

Priority
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Abstract (en)
[origin: WO9521396A2] A visual display device is provided for delivering a generated image, preferably combinable with environment light, to the eye of a user. Light from an image generator such as a CRT, LED or LCD is reflected from a fold mirror away from a user's eye towards a combiner. The image is reflected from the combiner and magnified, optionally combined with light from the environment and passes back through the fold mirror towards the eye of the user. In one embodiment, an optical element such as a meniscus lens or PCX lens is used to present the user with a substantially flat focal field and/or a Fresnel lens or diffractive optical element is used to aim rays from the image to the field curvature corrective lens in order to maintain maximum contrast.

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Cited by
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