

Title (en)

3-D DISPLAYS AND TELEPRESENCE SYSTEMS AND METHODS THEREFORE

Title (de)

3D-ANZEIGEN UND TELEPRÄSENZSYSTEME SOWIE VERFAHREN DAFÜR

Title (fr)

DISPOSITIFS D'AFFICHAGE EN 3D, SYSTÈMES DE TÉLÉPRÉSENCE ET PROCÉDÉS CORRESPONDANTS

Publication

EP 2064866 A2 20090603 (EN)

Application

EP 07843007 A 20070921

Priority

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- US 84641506 P 20060922
- US 85506506 P 20061027
- US 96844707 P 20070828

Abstract (en)

[origin: WO2008036931A2] A telepresence system enhances the perception of presence of a remote person (128) involved in a video conference. The system preferably has a two-way mirror (2), which is between the observer (3) and the display device (17), positioned at an angle to reflect a backdrop surface (8). The backdrop surface (8), which is further away from the two-way mirror (2) than the image plane of the image display device (17), appears superimposed in a position behind the image of a person from the remote location. The system preferably minimizes image distortion via an optical path for the camera line of sight (160, 161, 162) that is substantially longer than the physical distance (159) between the user (3) and the camera (1). The system may be asymmetrical, in that one camera is on axis with the user's line of sight (182) while the other camera is off axis with the user's line of sight (182).

IPC 8 full level

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CPC (source: EP KR)

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