

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 A4 20110112 (EN)

Application
EP 07843007 A 20070921

Priority

- US 2007079207 W 20070921
- 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
H04N 1/44 (2006.01); **H04N 7/14** (2006.01)

CPC (source: EP KR)
H04N 1/44 (2013.01 - KR); **H04N 5/74** (2013.01 - KR); **H04N 7/144** (2013.01 - EP); **H04N 7/15** (2013.01 - KR)

Citation (search report)

- [Y] WO 0111880 A1 20010215 - WHITE PETER MCDUFFIE [GB]
- [Y] GB 2353429 A 20010221 - WHITE PETER MCDUFFIE [GB]
- See references of WO 2008036931A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008036931 A2 20080327; **WO 2008036931 A3 20080717**; EP 2064866 A2 20090603; EP 2064866 A4 20110112; JP 2010504709 A 20100212; KR 20090074210 A 20090706

DOCDB simple family (application)
US 2007079207 W 20070921; EP 07843007 A 20070921; JP 2009529416 A 20070921; KR 20097008158 A 20070921