

Title (en)  
PRESENTATION OF USER INFORMATION

Title (de)  
DARSTELLUNG VON ANWENDERINFORMATIONEN

Title (fr)  
PRESENTATION D'INFORMATIONS UTILISATEURS

Publication  
**EP 1419483 A2 20040519 (DE)**

Application  
**EP 02754527 A 20020812**

Priority  
• DE 0202956 W 20020812  
• DE 10141521 A 20010824

Abstract (en)  
[origin: DE10141521C1] The information representation system has a camera (1) for providing image information (2) for a section of the environment, the size of which is determined via the zoom factor of a zoom device (3) and/or via a device (4) for 3-dimensional alignment of the camera in dependence on a spatial vector, with a processor (5) calculating the corresponding position coordinates of the image information. User information is assigned to the calculated position coordinates and supplied with the image information to a visualisation device. An Independent claim for a user information representation method is also included.

IPC 1-7  
**G06T 7/00; G06T 11/00**

IPC 8 full level  
**H04N 7/18** (2006.01)

CPC (source: EP US)  
**H04N 7/183** (2013.01 - EP US)

Citation (search report)  
See references of WO 03019474A2

Citation (examination)  
• DE 19900884 A1 20000720 - SIEMENS AG [DE]  
• ZINSER K ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Integrated multi media and visualisation techniques for process S&C", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS. LE TOUQUET, OCT. 17 - 20, 1993; [PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS], NEW YORK, IEEE, US, vol. -, 17 October 1993 (1993-10-17), pages 367 - 372, XP010132025, ISBN: 978-0-7803-0911-1, DOI: 10.1109/ICSMC.1993.384772  
• BEHRINGER R ET AL: "A novel interface for device diagnostics using speech recognition, augmented reality visualization, and 3D audio auralization", MULTIMEDIA COMPUTING AND SYSTEMS, 1999. IEEE INTERNATIONAL CONFERENCE ON FLORENCE, ITALY 7-11 JUNE 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, vol. 1, 7 June 1999 (1999-06-07), pages 427 - 432, XP010342778, ISBN: 978-0-7695-0253-3, DOI: 10.1109/MMCS.1999.779240  
• KOSAKA A ET AL: "AUGMENTED REALITY SYSTEM FOR SURGICAL NAVIGATION USING ROBUST TARGET VISION", PROCEEDINGS 2000 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION. CVPR 2000. HILTON HEAD ISLAND, SC, JUNE 13-15, 2000; [PROCEEDINGS OF THE IEEE COMPUTER CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION], LOS ALAMITOS, CA : IEEE COMP., 13 June 2000 (2000-06-13), pages 187 - 194, XP001035639, ISBN: 978-0-7803-6527-8

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