

Title (en)

METHOD AND SYSTEM FOR COMPARING MULTIPLE IMAGES UTILIZING A NAVIGABLE ARRAY OF CAMERAS

Title (de)

VERFAHREN UND SYSTEM ZUM VERGLEICH MULTIPLER BILDER UNTER BENUTZUNG VON NAVIGIERBAREN KAMERAANORDNUNGEN

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE COMPARER PLUSIEURS IMAGES AU MOYEN D'UN RESEAU DE CAMERAS NAVIGABLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0128309A2] A telepresence system uses an array of cameras to provide a first user with a first display of an environment and a second user with a second display of the environment. Each camera has an associated view of the environment. A first user interface device has first user inputs associated with movement along a first path, and a second user interface device has second user inputs associated with a second path. A processing element interprets the first and the second inputs and independently selects output of the cameras, allowing the first user and the second user to navigate simultaneously and independently through the environment. In alternate embodiments the array includes multiple cameras at one node or perspective, the cameras having different fields of view selectable by the users for navigating forward or backward in the environment. The system also may be used for comparing multiple images or portions of images.

[origin: WO0128309A2] A telepresence system (100) uses an array (10) of cameras (14) to provide a first user (22-1) with a first display of an environment and a second user (22-2) with a second display of the environment. Each camera (14) has an associated view of the environment. A first user interface device (24) has first user inputs associated with movement along a first path, and a second user interface device has second user inputs associated with a second path. A processing element interprets the first and the second inputs and independently selects output of the cameras, allowing the first user and the second user to navigate simultaneously and independently through the environment. In alternate embodiments the array (10) includes multiple cameras (14) at one node or perspective, the cameras (14) having different fields of view selectable by the users for navigating forward or backward in the environment. The system also may be used for comparing multiple images or portions of images.

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