

Title (en)

SYSTEM AND METHOD EMPLOYING THREE-DIMENSIONAL AND TWO-DIMENSIONAL DIGITAL IMAGES

Title (de)

SYSTEM UND VERFAHREN MIT DREIDIMENSIONALEN UND ZWEIDIMENSIONALEN DIGITALBILDERN

Title (fr)

SYSTÈME ET PROCÉDÉ EMPLOYANT DES IMAGES NUMÉRIQUES TRIDIMENSIONNELLES ET BIDIMENSIONNELLES

Publication

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Application

EP 09850992 A 20091102

Priority

US 2009062918 W 20091102

Abstract (en)

[origin: WO2011053328A1] The present invention provides a true-scale, coordinate-matched, linked in real-time, dual three-dimensional / two-dimensional visual display/viewer. The display simultaneously shows a 3D digital image and an associated 2D digital image of a selected drawing. The display of the present invention allows a user to visualize an asset's location, surrounding environment and hazards and true scale structural details for interior or external structural scenes. Using the display and associated tools, the user can obtain real-time information of an environment, true-scale measurement, plan ingress/egress paths, shortest paths between points and the number of doorways in a structure and track objects within the displayed environment. The intelligence gained using the tools and 3D/2D display may be used and further manipulated by a single user or may be distributed to other users.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- See references of WO 2011053328A1

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DOCDB simple family (publication)

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