

Title (en)
Emergency guidance system and method

Title (de)
Notfallführungssystem und -verfahren

Title (fr)
Système et procédé de guidage d'urgence

Publication
EP 3062297 A1 20160831 (EN)

Application
EP 15275042 A 20150225

Priority
EP 15275042 A 20150225

Abstract (en)
A mixed reality emergency guidance system, and method of providing same, for use within a building or other structure, the system comprising a headset (100) for placing over a user's eyes, in use, the headset including a screen, image capture means for capturing images of the real world in the vicinity of the user, and a processor configured to generate a three-dimensional virtual reality environment and blend images of the real world environment into the three-dimensional virtual reality environment to create a mixed reality environment representative of a user's field of view and display the mixed reality environment on said screen. A storage module (112) is provided, having stored therein a three-dimensional virtual model of the interior layout of the building or other structure. A positioning module determines the current location of the user within the building or other structure, and a processing module (104) is configured to calculate a recommended escape, or other, route from the current location of said user to a second location relative to the building or structure and generate navigation data representative of the recommended route. An image processing module generates image data representative of the navigation data and displays the image data within the mixed reality environment on the screen.

IPC 8 full level
G08B 7/06 (2006.01)

CPC (source: EP)
G08B 7/062 (2013.01); **G08B 7/066** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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