

Title (en)

METHOD FOR REPRESENTING VIRTUAL INFORMATION IN A REAL ENVIRONMENT

Title (de)

VERFAHREN ZUR DARSTELLUNG VON VIRTUELLER INFORMATION IN EINER REALEN UMGEBUNG

Title (fr)

PROCÉDÉ DE VISUALISATION D'UNE INFORMATION VIRTUELLE DANS UN ENVIRONNEMENT RÉEL

Publication

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Application

EP 10744693 A 20100813

Priority

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Abstract (en)

[origin: WO2011020793A2] The invention relates to a method for ergonomically representing virtual information in a real environment, comprising the following steps: providing at least one view of a real environment and a system construction for showing virtual information for overlaying over the real environment in at least one part of the view, wherein the system construction comprises at least one display device, determining a position and orientation of at least one part of the system construction relative to at least one portion of the real environment, subdividing at least one part of the view of the real environment into a plurality of regions comprising a first region and a second region, wherein objects of the real environment are located closer to the system construction within the first region than objects of the real environment within the second region, and showing at least one item of virtual information on the display device in at least one part of the view of the real environment, considering the position and orientation of the at least one part of the system construction, wherein the virtual information is shown differently in the first region than in the second region with respect to the type of overlay in the view of the real environment.

IPC 8 full level

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