

Title (en)
COMPUTER-IMPLEMENTED METHOD FOR DETERMINING A SPATIAL DISTRIBUTION OF ELEMENT SIZE VALUES FOR GEOMETRIC BASIC ELEMENTS OF A NETWORK DISPLAY FROM A DIGITAL DISPLAY OF AN OBJECT FOR A SIMULATION OF THE OBJECT

Title (de)
COMPUTERIMPLEMENTIERTES VERFAHREN ZUM ERMITTELN EINER RÄUMLICHEN VERTEILUNG VON ELEMENTGRÖSSENWERTEN FÜR GEOMETRISCHE GRUNDELEMENTE EINER NETZDARSTELLUNG AUS EINER DIGITALEN DARSTELLUNG EINES OBJEKTS FÜR EINE SIMULATION DES OBJEKTS

Title (fr)
PROCÉDÉ MIS EN OEUVRE PAR ORDINATEUR POUR DÉTERMINER UNE DISTRIBUTION SPATIALE DE VALEURS DE TAILLE D'ÉLÉMENT POUR DES ÉLÉMENTS DE BASE GÉOMÉTRIQUES D'UN AFFICHEUR RÉSEAU À PARTIR D'UN AFFICHEUR NUMÉRIQUE D'UN OBJET POUR UNE SIMULATION DE L'OBJET

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Application
EP 22713866 A 20220224

Priority

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Abstract (en)
[origin: WO2022184544A1] Method for determining a spatial distribution of element size values for geometric basic elements of a network display from a digital display of an object for a simulation of the object, wherein the network display contains a multiplicity of interconnected geometric basic elements, having the following steps: determining (102) a digital display of an object; determining (104), for at least one position of the digital display of the object, at least one local maximum limit for the element size values that depends on at least one local geometric property in an area surrounding the position: determining (106), for the digital display of the object, a predefined spatial distribution of an upper limit, independent of the maximum limit, for the element size values and a predefined spatial distribution of a maximum spatial change in the element size values; and determining (108) a spatial distribution of element size values for the digital object display based on the maximum limit, the predefined spatial distribution of the upper limit and the predefined spatial distribution of the maximum change.

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