

Title (en)

METHOD FOR PRODUCING DIAGRAMMATIC NETWORK PLANS

Title (de)

VERFAHREN ZUR ERZEUGUNG VON SCHEMATISIERTEN NETZPLÄNEN

Title (fr)

PROCEDE DE PRODUCTION DE PLANS EN RESEAUX SCHEMATISES

Publication

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Application

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Abstract (en)

[origin: WO03027910A2] The invention concerns a method and a computer programme for producing diagrammatic network plans. On the basis of an existing plan wherein connections are subdivided in line sections, and where line sections can be represented by edges, and network elements delimiting the line segments can be represented by nodes, and where mutually parallel line segments can be associated with profiles, data concerning a spatial arrangement of network elements to be modified are stored in a diagrammatic plan database. By moving away predetermined nodes, edges are assembled and profiles are smoothed. An arrangement of the edges associated with the profiles in the respective profiles is determined by means of an algorithm for competitive mode graphics, which is used on pairs of connections of lines having at least a parallel line segment, while taking into account a plurality of intersection points between the connections of the respective lines.

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