Title (en)
POLYGONAL LINE DRAWING

Title (de)
POLYGONALE STRICHZEICHNUNG

Title (fr)
TRACE DE LIGNES POLYGONALES

Publication
EP 2240907 A1 20101020 (FR)

Application
EP 08872295 A 20081230

Priority
- FR 2008052435 W 20081230
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Abstract (en)
[origin: WO2009101306A1] The invention relates to a method for drawing a polygonal line of a digital image from a 2D or 3D ordered set of vertexes. For at least one given vertex (An) following a first neighbouring vertex (An-1) and preceding a second neighbouring vertex (An+1) of said ordered set, the method comprises determining a point (Bn) associated with the given vertex, said associated point being located at a fixed distance from a straight line corresponding to the first neighbouring vertex and to the second neighbouring vertex, and located at a same fixed distance from a straight line corresponding to the given vertex and to the second neighbouring vertex, the point associated with the vertex being selected by using the sequencing of the set of vertexes. An ordered sequence of triangles is then defined, the vertexes of said triangles being defined at least based on the vertexes of the set and on the associated point, and the surfaces of the triangles of the ordered sequence of triangles are displayed.

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