

Title (en)

METHOD FOR GENERATING A SET OF SIGNALS REPRESENTING A CURVE

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Application

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Abstract (en)

[origin: EP0175178A2] Disclosed is a method and system of encoding data representing knots on an outline loop defined relative to a coordinate plane, for producing a display image of said outline and decoding responsive to the interrelationship of said knots on said outline loop, and imaging said outline loop responsive to said decoded data involving selecting sets of coordinates on said outline loop, to represent said knots, establishing a successive order of said knots, encoding said knots in a data order indicative of said knot order. In the method a complete information set is encoded of data indicative of the coordinate distances and interknot angles between adjacent knots. The relative positions of successive knots are compared to at least a first interknot criterion responsive to the comparing. When compared, the method further comprises producing a first indication that a set of said successive knots is within said criterion, or ii) producing a second indication that a set of said successive knots is outside said criterion, and i) responsive to said first indication imaging said outline loop in the form of a smooth continuous curve, or ii) responsive to said second indication, imaging said outline loop in the form of a straight line, between said set of successive knots. Further disclosed is the encoded data representing the knots on an outline defined relative to a coordinate plane and decoded for use in a

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