ABSTRACT

PRODUCING AN OBJECT-BASED DESIGN DESCRIPTION FILE FOR AN EMBROIDERY PATTERN FROM A VECTOR-BASED STITCH FILE

A computer is operated to produce an object-based design description file for an embroidery pattern from a vector-based stitch file describing the pattern as a sequence of stitches. The stitch file is analysed to identify the stitch points qualifying as embroidery edge points at which the stitch direction substantially reverses. A list of these edge points is produced and the stitch file is further analysed to identify groups of successive edge points in the list wherein the edge points of each group define an embroidery region of area filling type stitches. An object describing the respective embroidery region is then generated from the co-ordinate positions of edge points in a group.

This Sheet Has Been Replaced

