

ABSTRACT

A character generation device of an outline font system for generating a character of a predetermined size based on character data. The character generation device includes a font memory (1, 2, 3) for storing the character data including reference coordinate data, threshold data, and line-type data, a coordinate data size converting circuit (4) for converting the reference coordinate data to coordinate data corresponding to a desired size of a character, and an interpolating means (5), responsive to the converted coordinate data and the line-type data, for generating contour line information of the character. The data conversion includes adding the most optimum threshold value to the converted data and then rounding the result to the nearest whole number. Thus, the interpolating means can process whole numbers at very high speeds because of using whole numbers.

This Sheet Has Been Replaced

