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METHOD OF OVERFLOW-BASED DEFECT MANAGEMENT REPRESENTATION

Abstract

10 A method of storing values that involves splitting each value into a
n-bit value and an overflow value, and storing, in a main table, the n-bit
values in order of increasing magnitude of the values. For each overflow
value, the position of the smallest n-bit value is stored in an overflow table.
To retrieve a value, the position of the corresponding n-bit value is
15 compared to the positions stored in the overflow value to determine the
overflow value of the n-bit value. The actual value is then obtained from
the n-bit value and its overflow value.

FIG. 3