ABSTRACT

METHOD FOR AT LEAST PARTIALLY COMPENSATING FOR ERRORS IN INK DOT PLACEMENT DUE TO ERRONEOUS ROTATIONAL DISPLACEMENT

A method of at least partially compensating for errors in ink dot placement by at least one of a plurality of nozzles due to erroneous rotational displacement of a printhead module relative to a carrier, the nozzles being disposed on the printhead module, the method comprising the steps of: (a) determining the rotational displacement; (b) determining at least one correction factor that at least partially compensates for the ink dot displacement; and (c) using the correction factor to alter the output of the ink dots to at least partially compensate for the rotational displacement.

Figure 1

PRINTHEAD MODULE HAVING A DROPPED ROW AND PRINTER CONTROLLER FOR SUPPLYING DATA THERETO

Abstract

A printhead module includes at least one row of printhead nozzles. Each row includes at least one displaced row portion. The displacement of the row portion includes a component in a direction normal to that of a pagewidth to be printed.

[Figure 8]