PRINTHEAD ASSEMBLY INCORPORATING AN INK DISTRIBUTION STRUCTURE

ABSTRACT

A printhead assembly includes an elongate support structure. At least one elongate printhead module is positioned on the support structure, along a length of the support structure. Each printhead module includes a supply structure that is connectable to at least an ink supply and defines a plurality of outlets for the supply of at least ink. An ink distribution assembly is positioned on the supply structure. The ink distribution assembly defines a mounting formation to permit a printhead chip to be mounted on the ink distribution assembly. A plurality of ink inlets is in fluid communication with the outlets of the supply structure. A plurality of exit holes and tortuous ink flow paths is defined between each ink inlet to a number of respective exit holes. A printhead chip is mounted on the ink distribution assembly so that the ink can be fed from the exit holes to the printhead chip.

Figure 3