

ABSTRACT

ON-DEMAND TYPE INK JET PRINT HEAD

An on-demand type ink jet print head, comprising: a plurality of ink tanks disposed at a lower position of a carriage to be independent of each other, pressure varying means provided on one of the tanks; an air release port communicating with the other one of the tanks; a head assembly provided on top of the tanks to communicate with the tanks through flow paths at both sides of the head assembly. The object of the invention is to achieve stable printing independent of the amount of ink in an ink tank and discharge bubbles in a nozzle head together with the ink.

FIGURE 1