

INKJET PRINthead WITH TITANIUM ALUMINIUM ALLOY HEATER

An inkjet printhead with a resistive heaters for vaporizing ink to eject drops through respective nozzles. The heater is formed from a TiAlX alloy where Ti contributes more than 40 % by weight, Al contributes more than 40 % by weight and X contributes less than 5 % by weight and comprises zero or more of Ag, Cr, Mo, Nb, Si, Ta and W.

Fig. 1