

ABSTRACT**A MICRO ELECTRO-MECHANICAL ACTUATOR**

An actuator element forming a portion of a micro electro-mechanical device and which comprises a movable arm that is connected at one end to a substrate and which is formed at least in part from a titanium-aluminium nitride composition. The actuator element forms a component of a thermal actuator which, in a particular embodiment of the invention, is actuated to drive a paddle within a printhead ejector and so displace ink from the ejector.

Figure : None