

ABSTRACT OF THE DISCLOSURE

SYSTEM AND METHOD OF SENSING ACTUATION AND RELEASE VOLTAGES OF
AN INTERFEROMETRIC MODULATOR

5 A method for sensing the actuation and/or release voltages of a microelectromechanical device include applying a varying voltage to the device and sensing its state and different voltage levels. In one embodiment, the device is part of a system comprising an array of interferometric modulators suitable for a display. The method can be used to compensate for temperature dependent changes in display pixel characteristics.

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