TACTILE TOUCHSCREEN FOR ELECTRONIC DEVICE

ABSTRACT

A moveable touchscreen display unit includes a base; a display device connected to the base by flexible sidewalls that extend between the base and the display device; a touch-sensitive input surface overlying the display device; and a mechanical switch disposed between a back surface of the display device and the base. The display device moves relative to the base in response to application of sufficient force on the display device. This movement results in the actuation of the mechanical switch, which generates an electrical signal and a tactile feedback.

Figure 10