

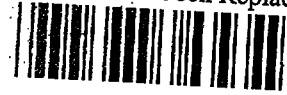


**ELECTRONIC APPLIANCE HAVING OPEN/CLOSE-TYPE PANEL AND METHOD
FOR REDUCING ELECTROMAGNETIC NOISE FROM OPEN/CLOSE-TYPE PANEL**

ABSTRACT OF THE DISCLOSURE

The present invention provides an apparatus and a method for reducing an electromagnetic noise radiated from an open/close-type panel of an electronic appliance having the open/close-type panel such as a laptop type personal computer and a portable video tape recorder, which comes in contact with an appliance main body so as to be latched therewith when the open/close-type panel is opened. A conductive material which conducts a conductive surface for preventing an undesired radiation of the open/close-type panel is provided on a portion of the open/close-type panel which comes in contact with the appliance main body, and a conductive material having elasticity which conducts a zero electric potential portion (earth line) of the appliance main body is provided in a portion of the surface of the appliance main body which comes in contact with the open/close-type panel, and when the open/close-type panel is opened so as to be latched with the appliance main body, the conductive material of the open/close-type panel and the conductive material of the appliance main body are connected with each other face to face by an elastic deformation of the conductive material of the appliance main body, and the conductive surface for preventing an undesired radiation of the open/close-type panel is connected with the zero electric potential portion of the appliance main body at a low impedance

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so that an electromagnetic noise radiated from the open/close-type panel is reduced.

FIGURE 12

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