

METHOD AND APPARATUS FOR ROUTING CONDUCTORS

Abstract of the Disclosure

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A unique method and apparatus effectively routes conductors such as conductors on a flex strip (402) through a hinge of a foldable electronic device (100) such portable cellular radiotelephone or some other wireless communication device. In particular, a cylinder (118) is
10 rotatably mounted within the hinge portion of a housing (104). The cylinder preferably includes a slot for receiving a distal end portion (414) of the flex strip which is also inserted into a slot (310) in the other housing (102) of the foldable electronic device. The method and apparatus of the present invention enables the flex strip to be routed between the two
15 moveable housings and the housing elements to move with respect to one another without being damaged.

Figure 4 accompanies this abstract