

TRACK WHEEL WITH REDUCED SPACE REQUIREMENTS

ABSTRACT

An input generating device for use in a hand held electronic device having a housing includes a core formed in a planar and semicircular shape, forming a peripheral edge extending around said core and a track slidably engaged with the peripheral side edge. A curved portion of the peripheral edge extends outwardly from the housing allowing access thereto by the user. A first input is generated by sliding movement of the flexible track relative to the core. First input detection means, such as a turns encoder switch detects the sliding movement of the track. The core is depressibly mounted within the housing, generating a second input when the core is depressed. A second input detection means, such as a tactile contact switch detects depression of the core.

Figure 5

