

Abstract

Control stick for a finger pointing device

5 A control stick for a finger pointing device for moving a
cursor on a screen of a data processing device having a
keyboard, wherein the finger pointing device comprises an
electromechanical transducer which is arranged beneath a key
array of said keyboard and comprises an upwards facing input
10 element which is sensitive to mechanical forces applied in
lateral directions thereto. The electromechanical transducer is
provided in order to convert such mechanical forces applied to
its input element into electrical signals at an output thereof.
The control stick comprises a mounting portion at its one end
15 on which the control stick is to be mounted to the input
element of the electromechanical transducer such that the
mounting portion transmits lateral actuations of the control
stick generated by a user to the input element of the
electromechanical transducer as said mechanical forces applied
20 thereon, and an actuating stem portion for actuating the
control stick by the user. The actuating stem portion adjoins
said mounting portion and has a length sufficient to protrude
upright from the keyboard substantially above the surface plane
of the keyboard defined by its key array when said control
25 stick is mounted with its mounting portion to the input element
of the electromechanical transducer and is in an upright
operational position.

Figure 1B