

COMPUTER MOUSE WITH SENSORY ALERTING TO PREVENT HUMAN INJURY

Abstract

Determining by a computer mouse the pressure that an operator uses to
5 grip the mouse and to actuate switches on the mouse and alerting the operator by the
mouse if the pressure is excessive. This monitoring and alerting gives the operator
immediate and consistent feedback on misuse of the mouse. In a first embodiment,
the computer mouse alerts the operator to excessive pressure by means of an audio
alarm. In the second embodiment, the computer mouse transmits the pressure
10 information to a connected computer. The computer can alert the operator with an
audio message or alert the operator by displaying the alerting information on a
display screen of the computer.