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(54) Title: CONTROL APPARATUS

(57) Abstract: An interface including a panel defining at least one edge, at least one detector arranged along the at least one edge of the panel, an electromagnetic radiation beam emitter operative to direct at least one beam of electromagnetic radiation onto the panel from a variable distance and at a variable angle, the panel being operative to transmit electromagnetic radiation from the at least one beam impinging thereon to the at least one edge thereof, for detection by the at least one detector, the panel being operative to generally attenuate the electromagnetic radiation passing therethrough to the at least one edge as a function of the distance traveled by the electromagnetic radiation through the panel, whereby the at least one detector is operative to provide at least one output which can be used to determine the variable distance and the variable angle.



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