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(54) **SWITCH DEVICE WITH INTEGRATED TOUCH SENSOR**

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(57) **ABSTRACT**

A multi-value selection switch that includes an engagement surface with an integrated touch sensor. The integrated touch sensor includes a plurality of detectable positions that correspond to, for instance, a range of absolute or relative target input values between a predefined minimum and maximum. The engagement surface further defines a switch that actuates/activates based on detecting a user-supplied force and/or based on a user momentarily holding a finger/pointer position. A user can select a target input value by bringing a finger or other pointer within operable proximity of an associated detectable position and actuating the switch and/or momentarily pausing. In response, the selection switch outputs a control signal to an associated device to cause the same to adjust operation.