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(54) **ELECTRONIC DEVICE HAVING MANAGED INPUT COMPONENTS**

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(51) **Int. Cl.**
G06F 3/042 (2006.01)
G06F 3/041 (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.**
CPC **G06F 3/041** (2013.01); **G06F 3/0416** (2013.01); **G06F 3/0418** (2013.01); **G06F 2203/04105** (2013.01)

There is described an electronic device having a touch-sensitive sensor and a piezoelectric sensor, and a method of operating the device. The electronic device detects an actuation of the touch-sensitive sensor, and a touch-sensitive signal is produced by the touch-sensitive sensor in response to detecting the actuation of the touch-sensitive sensor. Also, the electronic device detects an actuation of the piezoelectric sensor, and a piezoelectric signal is produced by the piezoelectric sensor in response to detecting the actuation of the piezoelectric sensor. Next, the electronic device determines whether the actuation of the touch-sensitive sensor is invalid based on the touch-sensitive signal and the piezoelectric signal. The electronic device then performs, or refrains from performing, an operation in response to determining that the actuation of the touch-sensitive sensor is invalid.

(58) **Field of Classification Search**
CPC G06F 3/041
USPC 345/175
See application file for complete search history.

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12 Claims, 4 Drawing Sheets

