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(54) **MULTI TOUCH WITH MULTI HAPTICS**

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***G06F 3/041*** (2006.01)
***G06F 3/01*** (2006.01)

(52) **U.S. Cl.**
CPC ..... ***G06F 3/016*** (2013.01)
USPC ..... **345/173**; 345/87; 345/156; 345/168; 345/169

(58) **Field of Classification Search**
CPC ..... G06F 3/016
See application file for complete search history.

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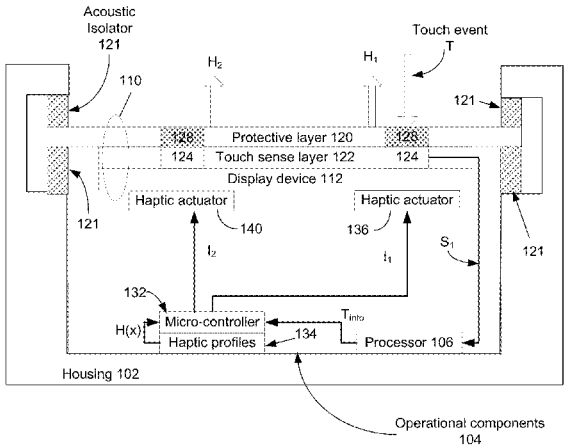
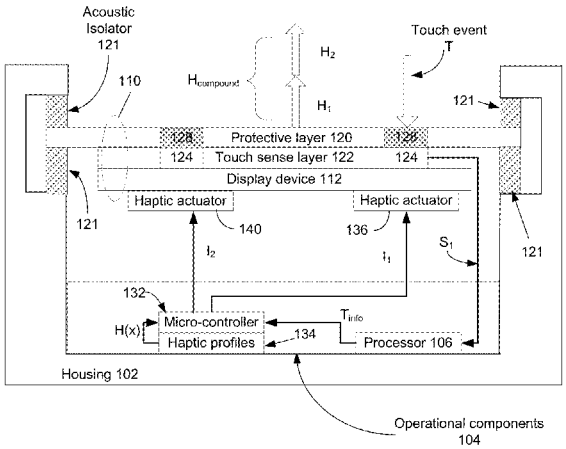
(57) **ABSTRACT**

Methods and systems for processing touch inputs are disclosed. The invention in one respect includes reading data from a multi-touch sensing device such as a multi-touch touch screen where the data pertains to touch input with respect to the multi-touch sensing device, and identifying at least one multi-touch gesture based on the data from the multi-touch sensing device and providing an appropriate multi-haptic response.

**16 Claims, 21 Drawing Sheets**