



(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0179190 A1**

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(43) **Pub. Date:**

**Sep. 25, 2003**

(54) **TOUCH-SENSITIVE DISPLAY WITH TACTILE FEEDBACK**

(52) **U.S. Cl.** ..... **345/173**

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(57) **ABSTRACT**

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The invention relates to a touch-sensitive display with tactile feedback, comprising a first layer  $S_1$ , a mechanically flexible display medium, a second layer  $S_2$  with at least one receptor, and a third layer  $S_3$  with at least one controllable actuator. The second layer  $S_2$  is disposed in such a way that the receptor detects a contact in at least one section of the first layer  $S_1$  and generates at least one first signal. The third layer  $S_3$  is disposed in such a way that the controllable actuator mechanically manipulates the first layer  $S_1$  at least in some points of the section. The display is further provided with a control device  $\mu P$  that is designed and contacted with the second layer  $S_2$  and the third layer  $S_3$  to generate in an initial state at least one second signal for controlling the actuator, at least one modified second signal being generated on the basis of the first signal.

(21) **Appl. No.: 10/380,928**

(22) **PCT Filed: Sep. 5, 2001**

(86) **PCT No.: PCT/DE01/03402**

(30) **Foreign Application Priority Data**

Sep. 18, 2000 (DE)..... 100460992

**Publication Classification**

(51) **Int. Cl.<sup>7</sup> ..... G09G 5/00**

