



(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0155871 A1**  
Perski et al. (43) **Pub. Date: Aug. 12, 2004**

(54) **TOUCH DETECTION FOR A DIGITIZER**

**Publication Classification**

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

(52) **U.S. Cl.** ..... **345/174**

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(57) **ABSTRACT**

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A detector for detecting touches by fingers or like body parts on a sensor comprises at least one sensing conductor, typically a grid of such conductors, extending into the sensor, a source of oscillating electrical energy at a predetermined frequency, and detection circuitry for detecting a capacitive influence on the sensing conductor when said oscillating electrical energy is applied, the capacitive influence being interpreted as a touch. The detector is advantageous in that the same sensing conductors can be used both for touch sensing and for detection of an electromagnetic stylus.

(21) Appl. No.: **10/757,489**

(22) Filed: **Jan. 15, 2004**

**Related U.S. Application Data**

(60) Provisional application No. 60/501,484, filed on Sep. 5, 2003. Provisional application No. 60/446,808, filed on Feb. 10, 2003.

