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(54) **Title:** SYSTEMS AND METHODS FOR SIGNAL STRENGTH DISPLAY

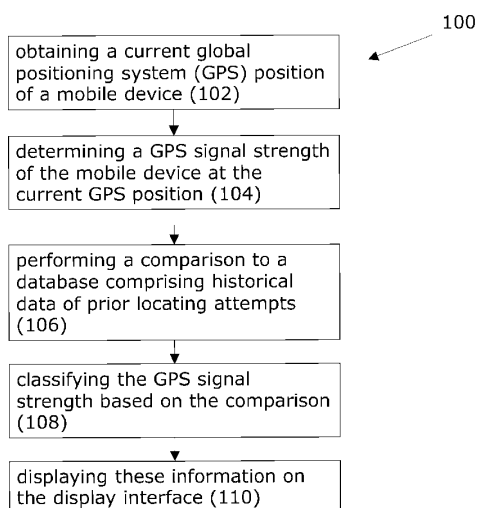


Figure 1

(57) **Abstract:** Disclosed here is a system comprising a non-transitory memory, a display interface, and a processing system comprising one or more processors coupled to the non-transitory memory, configured to read instructions from the memory that, when executed by the processing system, causes the system to perform a locating method by obtaining a current global positioning system (GPS) position of a mobile device (102), determining a GPS signal strength of the mobile device at the current GPS position (104), performing a comparison to a database comprising historical data of prior locating attempts (106), classifying the GPS signal strength based on the comparison (108), and displaying a map, an indication of the current GPS position of the system on the map, and a navigation button programmed to zoom or pan the map such that the current position of the mobile device is located at the centre of the map when the button is activated, and an indicator corresponding to the GPS signal strength.

