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(54) Abstract Title: **System and method for interference identification and frequency allocation**

(57) A system for interference detection and identification, as well as frequency allocation is described. It contains interference detection means for detecting interference on wireless radio frequencies. The interference detection means comprising discrimination means (1330, 1340) for discriminating between interference caused by a Wireless Local Area Network and interference caused by other radio applications. The system does not allocate the frequencies associated with WLANs for use.

