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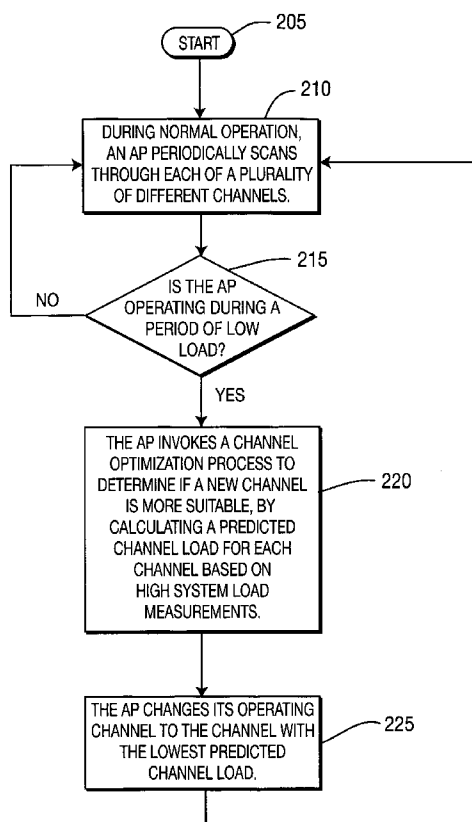
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(54) Title: WIRELESS COMMUNICATION METHOD AND APPARATUS FOR OPTIMIZING ACCESS POINT CHANNEL SELECTION



(57) Abstract: A wireless communication method and system for optimizing channel selection for an AP. The channel selection optimization process includes four sub-processes: 1) a measurement process; 2) a candidate channel determining process; 3) a channel selection process; and 4) a channel update process. Candidate channels used for supporting communication performed by the AP are determined. The candidate channels are chosen from an allowable channel set (ACS) if a detected interference of each candidate channel is less than an established maximum allowed interference.



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