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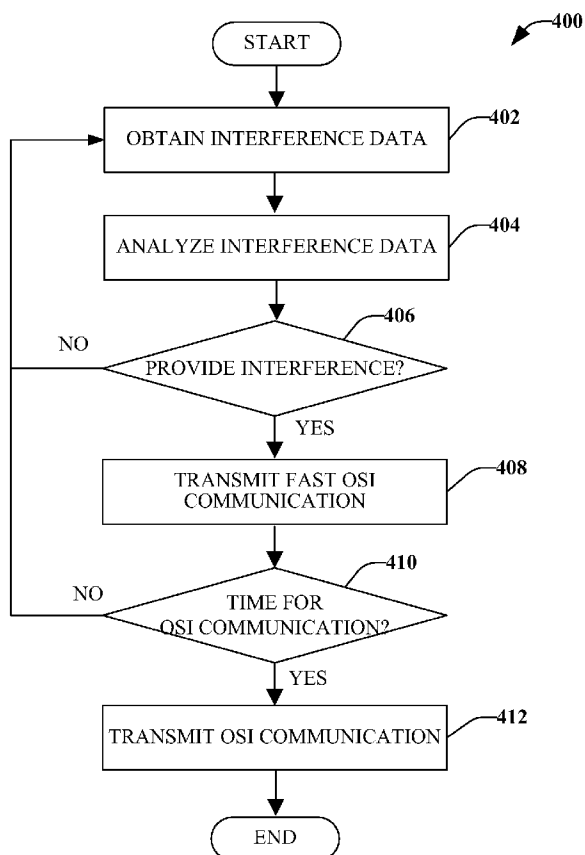
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(54) Title: POWER CONTROL USING MULTIPLE RATE INTERFERENCE INDICATIONS



(57) Abstract: Systems and methodologies are described that facilitate mitigation of interference in a wireless communication environment. Terminals can utilize interference information provided by neighboring sectors to adjust transmit power and reduce interference. Access points can provide two sets or types of interference information. The first type can be transmitted over a large coverage area, requiring significant overhead and limiting the transmission rate. Access points can also provide a second set or type of interference information directed at smaller coverage area, such as an area proximate to the edge of the supported sector. This second type of interference information can be utilized by terminals that include the access point within their active set. The second set of interference information can be provided at a higher rate than the first set due to decreased overhead requirements. Terminals can utilize both sets of interference information to adjust transmit power.



Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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