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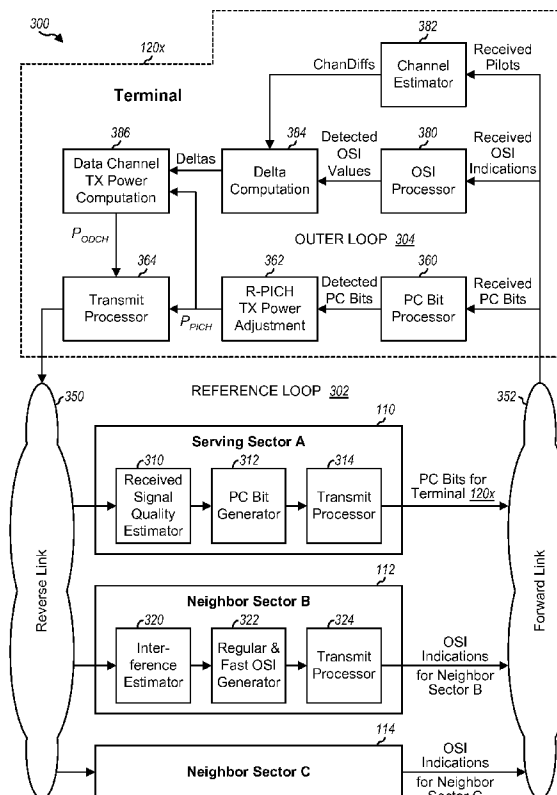
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(54) Title: METHOD AND APPARATUS FOR UTILIZING OTHER SECTOR INTERFERENCE (OSI) INDICATION



(57) Abstract: Techniques for mitigating interference in a wireless communication system are described. In one design, a sector may determine multiple fast other sector interference (OSI) indications for multiple subzones, with each subzone corresponding to a different portion of the system bandwidth. At least one report may be generated for the multiple OSI indications, with each report including at least one OSI indication for at least one subzone. Each report may be encoded to obtain code bits, which may then be mapped to a sequence of modulation symbols. A sequence of modulation symbols of zero values may be generated for each report with all OSI indications in the report set to zero to indicate lack of high interference in the corresponding subzones. This allows a report to be transmitted with zero power in a likely scenario. A regular OSI indication may also be determined for the system bandwidth and transmitted.



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