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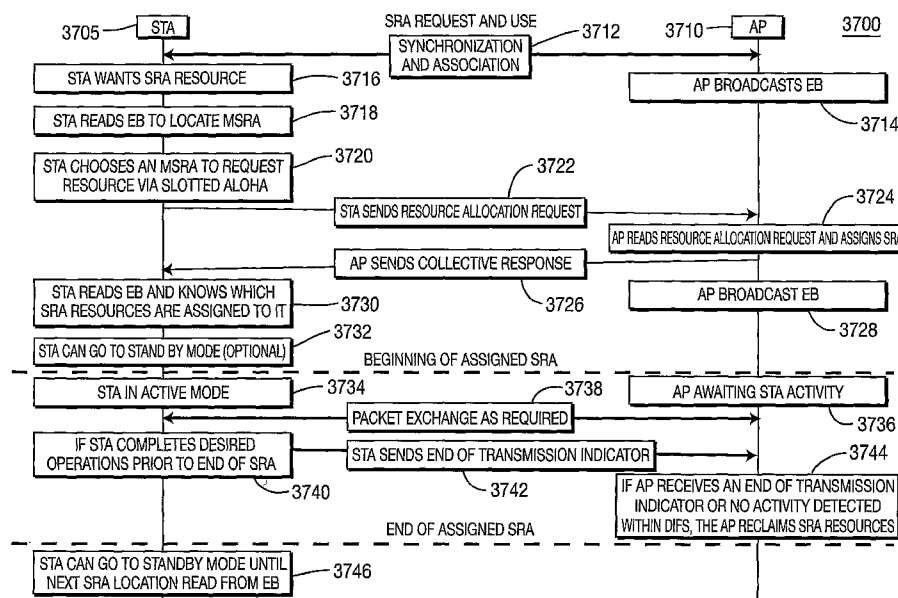
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(54) Title: METHOD AND SYSTEM FOR CONTROLLING ACCESS TO A WIRELESS COMMUNICATION MEDIUM



(57) Abstract: A method and system for controlling access to a medium in a wireless communication system. A superframe structure is defined in time domain to include a contention free period (CFP) which has at least one scheduled resource allocation (SRA) (3712), at least one management SRA (MSRA) (3718) and a contention period. An extended beacon (EB) (3746) including information about the SRA and MSRA is transmitted for. The architecture reduces station battery consumption, supports higher throughput for non-real time (NRT) traffic and is more efficient for real time (RT) traffic while maintaining full compatibility.

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