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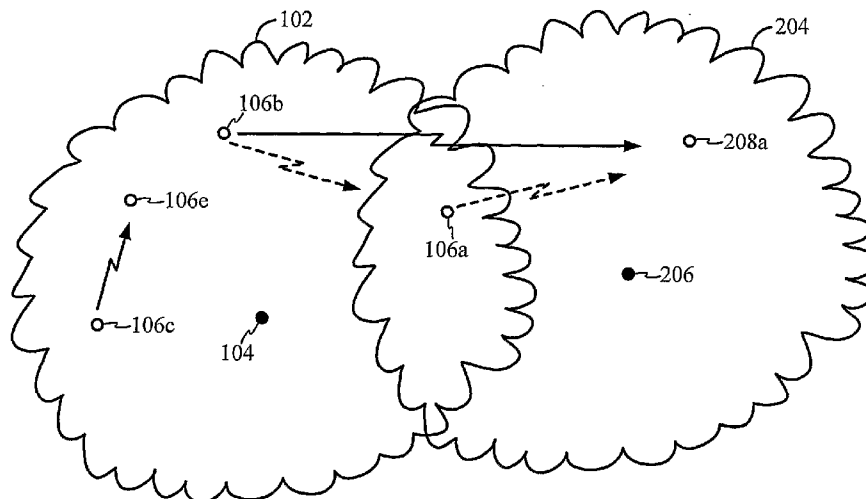
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(54) Title: SYNCHRONOUS INTER-PICONET ROUTING



(57) Abstract: Systems and techniques are disclosed relating to wireless communications. The systems and techniques involve wireless communications wherein a process, module or communications terminal schedules communications. The scheduling function may include scheduling an inter-piconet transmission between first transmitting (106b) and receiving terminals (208a) including scheduling a power level for the inter-piconet transmission that satisfies a target quality parameter at the first receiving terminal. The scheduling function may also include scheduling an intra-piconet transmission between second transmitting (106c) and receiving terminals (106e), including scheduling a power level for the intra-piconet transmission that satisfies a target quality parameter at the second receiving terminal. The intra-piconet transmission may be scheduled simultaneous with the inter-piconet transmission.

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