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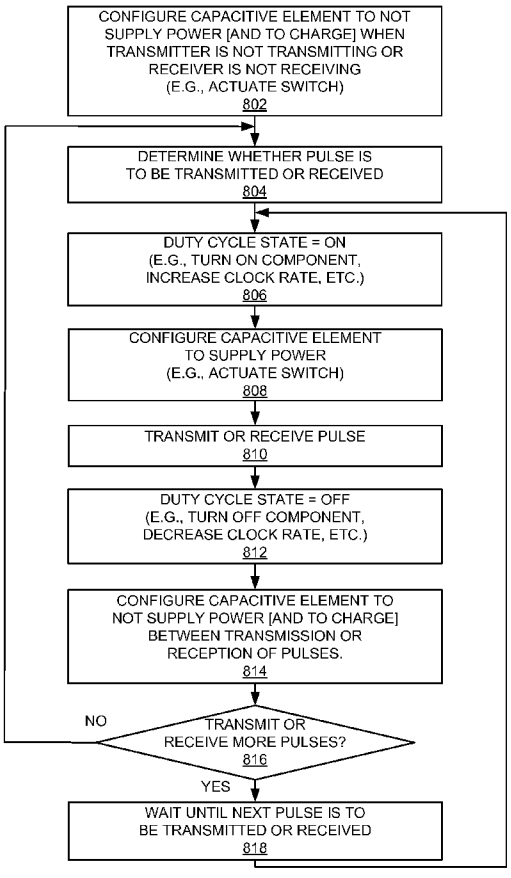
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(54) Title: DUTY CYCLING POWER SCHEME



(57) Abstract: Low power wireless communication techniques may be employed in devices that communicate via a wireless body area network, a wireless personal area network, or some other type of wireless communication link. In some implementations the devices may communicate via one or more impulse-based ultra-wideband channels. Inter-pulse duty cycling may be employed to reduce the power consumption of a device. Power may be provided for the transmissions and receptions of pulses by charging and discharging a capacitive element according to the inter-pulse duty cycling. Sub-packet data may be transmitted and received via a common frequency band. A cell phone may multicast to two or more peripherals via wireless communication links.

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ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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[X] Further documents are listed in the continuation of Box C.

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