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Michel et al.

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(54) **POWER HEADROOM REPORTING METHOD**

(75) Inventors: **Juergen Michel**, München (DE); **Klaus Ingemann Pedersen**, Aalborg (DK); **Claudio Rosa**, Randers (DK)

(73) Assignee: **Nokia Siemens Networks Oy**, Espoo (FI)

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H04B 7/00 (2006.01)

(52) **U.S. Cl.**
USPC **455/522; 455/68; 455/69**

(58) **Field of Classification Search**

USPC 455/522, 67.11, 68-70, 115.3, 126, 455/127.1, 127.2, 135, 226.3, 277.2, 296; 370/318

See application file for complete search history.

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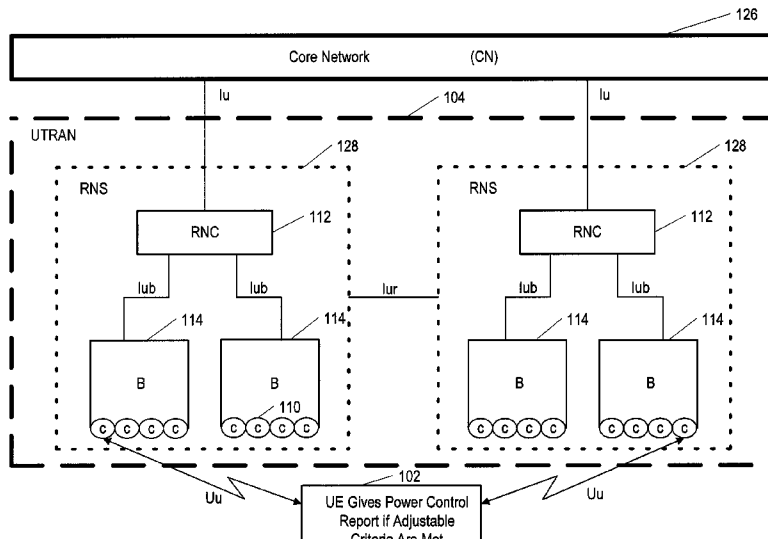
Primary Examiner — Dominic E Rego

(74) *Attorney, Agent, or Firm* — Harrington & Smith

(57) **ABSTRACT**

A method, user equipment, network device, and software product enable a user equipment to determine that at least one of several triggering criterion have been met, in which case the user equipment provides a power control headroom report on an uplink from the user equipment. The triggering criterion includes a threshold having been reached, and the threshold is adjustable via a signal to the user equipment from a base station (such as an eNodeB).

35 Claims, 4 Drawing Sheets



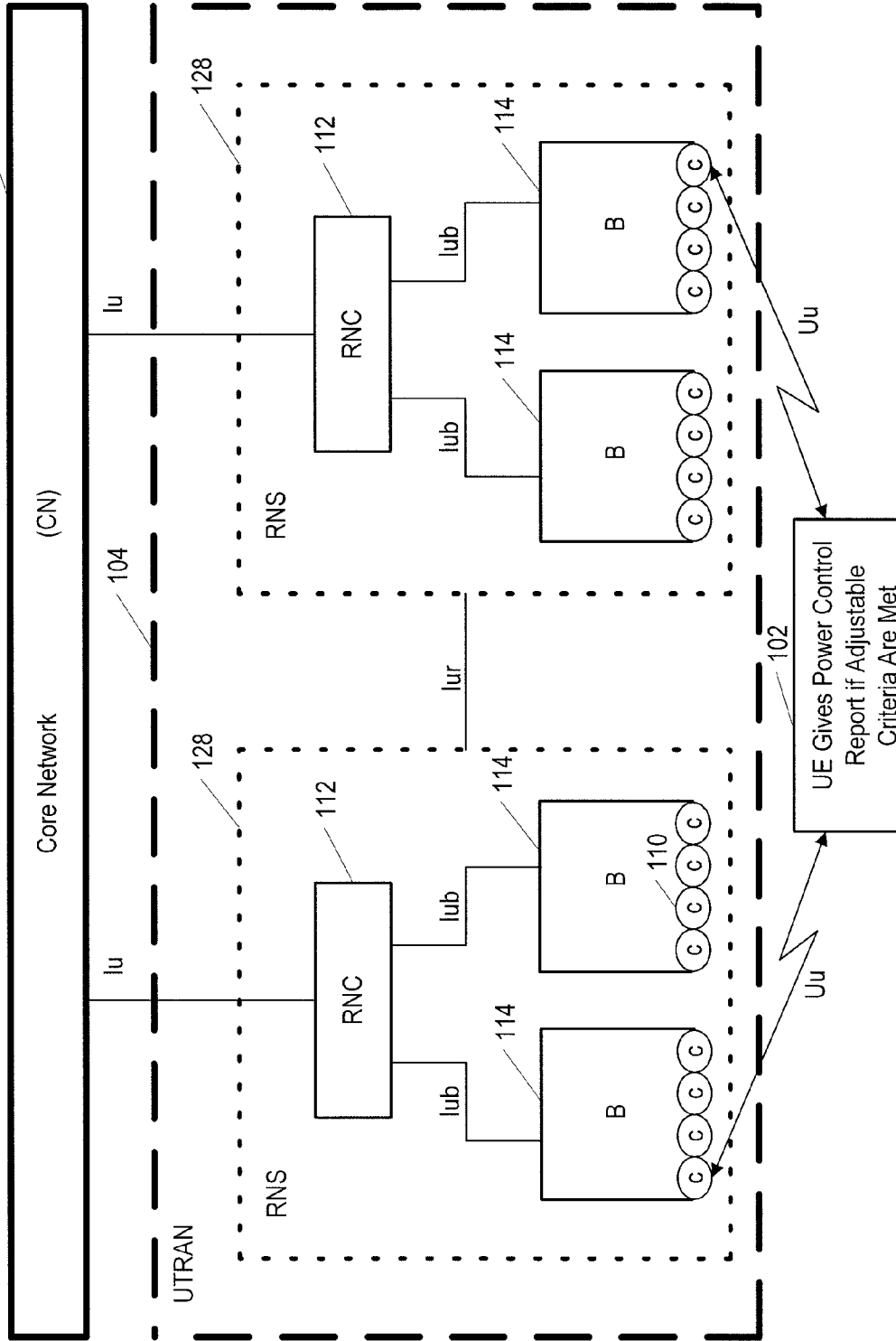
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FIG. 1



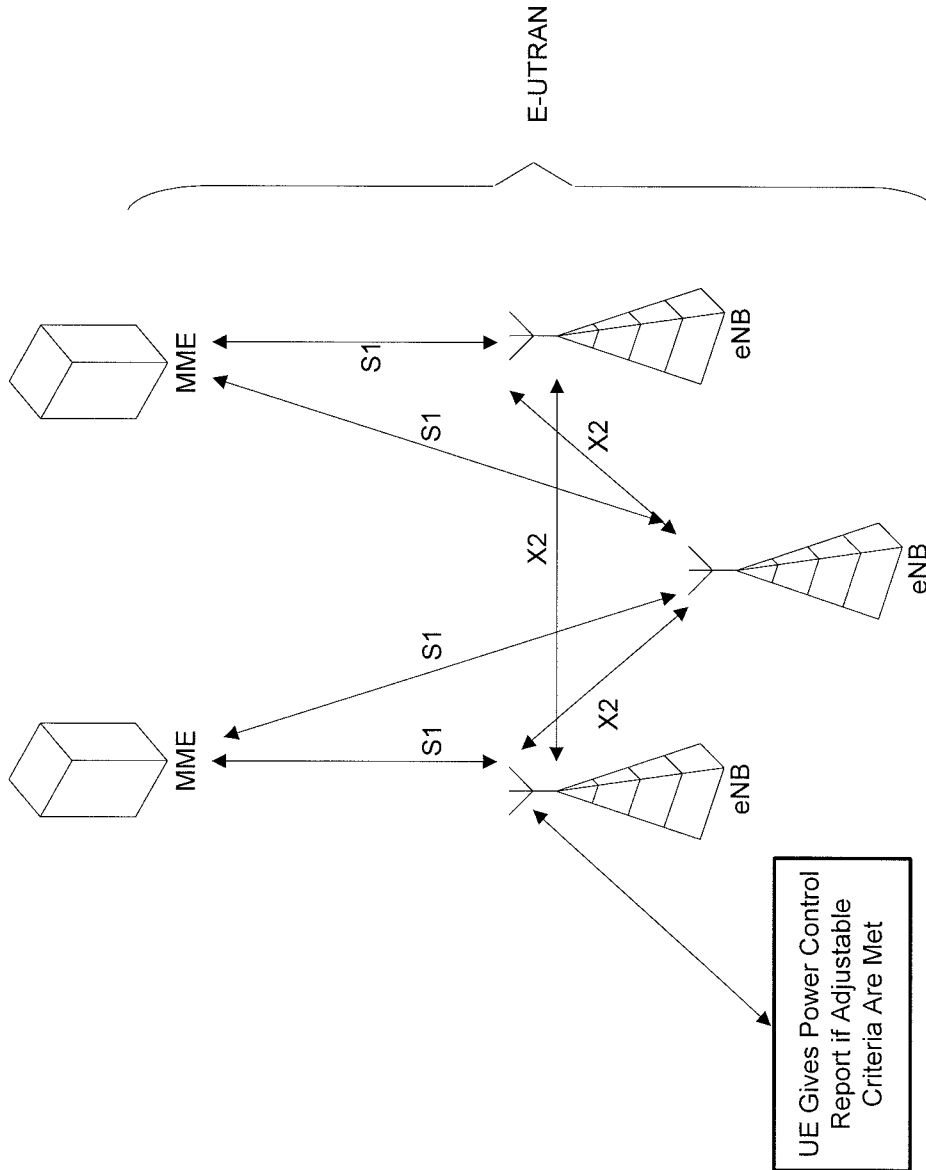


FIG. 2

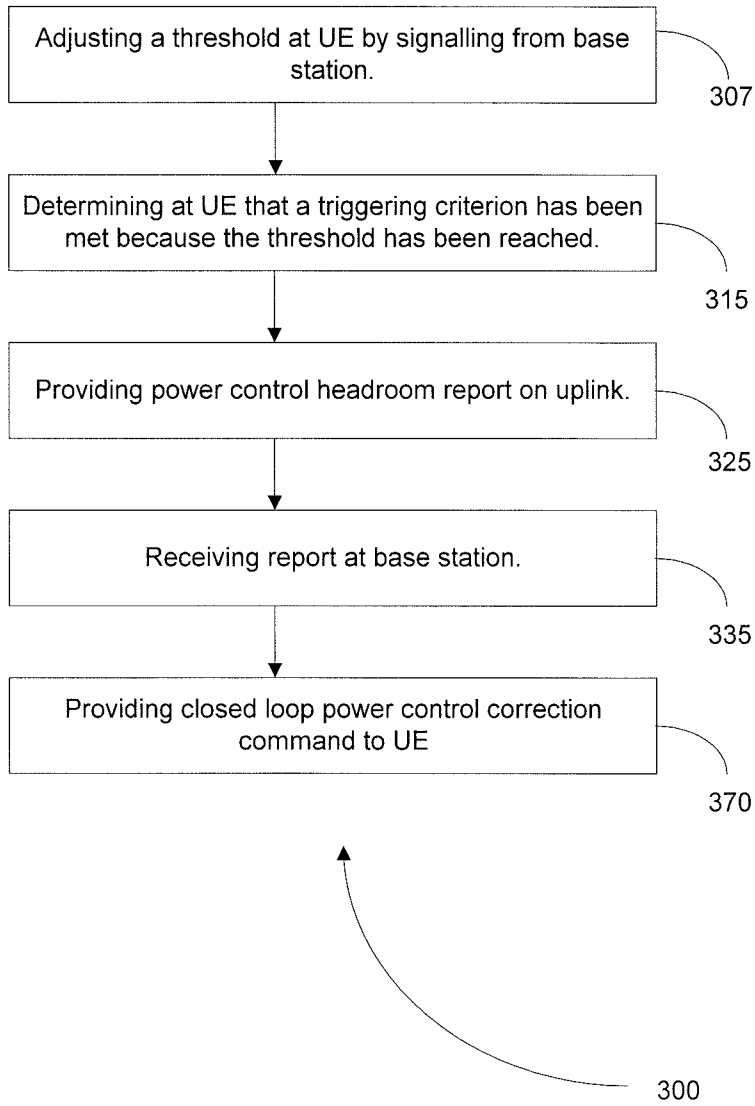


FIG. 3

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