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## (54) INTEGRATED BALUN AND FILTER

- (71) Applicant: Texas Instruments Incorporated, Dallas, TX (US)
- (72) Inventors: Yao Yu, San Jose, CA (US); Hassan Omar Ali, Murphy, TX (US); Ting-Ta Yen, San Jose, CA (US); Swaminathan Sankaran, Allen, TX (US)
- (73) Assignee: Texas Instruments Incorporated, Dallas, TX (US)
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#### (57)ABSTRACT

In one example, an integrated circuit comprises a filter having first and second filter terminals. The filter includes a first inductor coupled between the first and second filter terminals. The filter further includes a resonator coupled between the first and second filter terminals. A second inductor is coupled between differential terminals and is magnetically coupled to the first inductor.

