



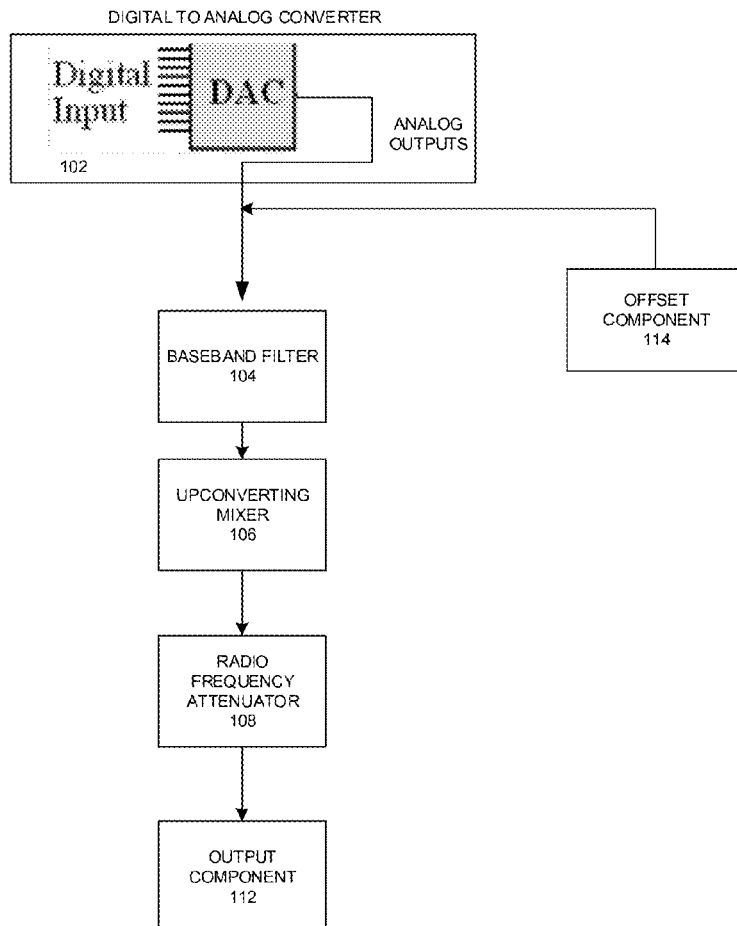
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Chakraborty et al.(10) **Pub. No.: US 2022/0407460 A1**(43) **Pub. Date: Dec. 22, 2022**(54) **CURRENT MODE SIGNAL PATH OF AN
INTEGRATED RADIO FREQUENCY PULSE
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(57)

ABSTRACT

A current mode end-to-end signal path includes, a digital to analog converter (DAC), operating in current mode and an upconverting mixer, operating in current mode and operatively coupled to the DAC, wherein analog inputs and analog outputs of the DAC and the upconverting mixer are represented as currents, and the DAC generates a baseband signal.



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