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(54) Title: A RADIO FREQUENCY IDENTIFICATION TRANSCIEVER

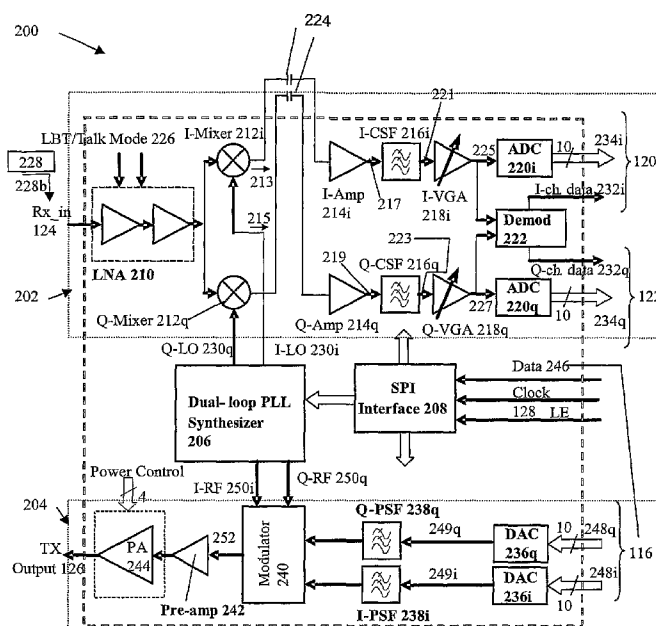


FIGURE 2

(57) Abstract: A radio frequency identification transceiver is disclosed. The radio frequency identification transceiver includes: a transmitter path, including; a pulse shaper to tunably shape the pulse of a signal to be transmitted in different predefined frequency ranges; a modulator to modulate the shaped pulse to be transmitted into one of a plurality of predefined frequency ranges; a receiver path, including: a demodulator to demodulate a received signal from a plurality of predefined frequency ranges.

WO 2008/091230 A1



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