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AbstractCLAMP CIRCUITRY

A clamp circuit includes a coupling capacitor (10) connected between signal input (10) and signal output (12) terminals. A constant current sink (18) and a controlled current source (16) are connected to the output terminal. A comparator (14), coupled to the output terminal via a lowpass filter (R1, C2), generates signals for conditioning the controlled current source (16) to source current whenever the output terminal exhibits a potential which differs from a predetermined reference in a predetermined polarity sense.

Fig 1