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(54) **ATTENUATION CIRCUITRY**

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(57) **ABSTRACT**

Differential attenuation circuitry, including: first and second input nodes; first and second output nodes; and an impedance network connected between the first and second input nodes and the first and second output nodes to provide a differential output voltage signal between the first and second output nodes which is attenuated compared to a differential input voltage signal applied between the first and second input nodes, wherein the impedance network includes: a common-mode node; a first impedance network connected between the first input node, the common-mode node and the first output node; and a second impedance network connected between the second input node, the common-mode node and the second output node, and wherein the differential attenuation circuitry further includes: an input-to-input path comprising one or more impedances and one or more switches connected between the first and second input nodes to provide a current path independent of the common-mode node.