



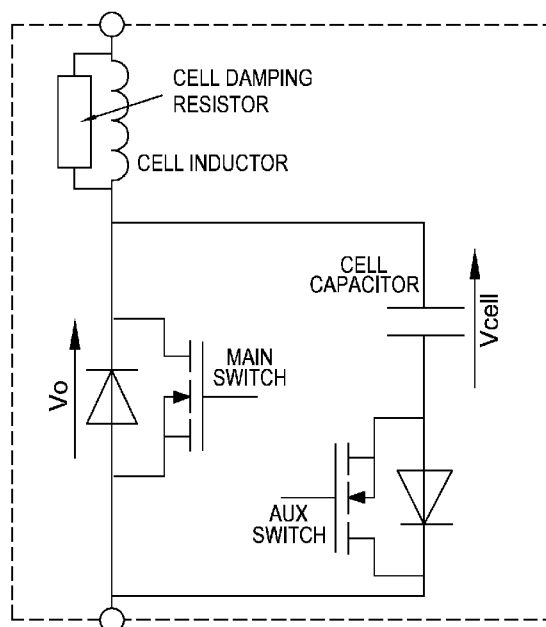
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(54) **Title:** ACTIVE SNUBBER**Fig.7**

(57) **Abstract:** The present invention generally relates to a switching cell for a phase leg of a power converter and a method of controlling a power converter to drive a load, and more particularly to a plurality of such switching cells, a phase arm for a power converter, a power converter phase leg, to a power converter for driving a load, and methods of making a power converter. A switching cell for a phase leg of a power converter may comprise: a power switch for conducting a current for driving a load; a commutation path coupled in parallel with the power switch, the commutation path comprising a cell capacitor and an auxiliary switch coupled in series, the auxiliary switch configured to allow control of a conduction state of the commutation path; and a cell inductor coupled to a coupling of the power switch and the commutation path, wherein the switching cell comprises at least one control input line for receiving a control signal, the at least one control input line configured to drive a control terminal of the power switch and a control terminal of the auxiliary switch.