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(71) Applicant (for all designated States except US): **CLIP-SAL AUSTRALIA PTY LTD** [AU/AU]; 12 Park Terrace, Bowden, S.A. 5007 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VANDERZON, James, Robert** [AU/AU]; 12 Park Terrace, Bowden, S.A. 5007 (AU).

(74) Agent: **MADDERNS**; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

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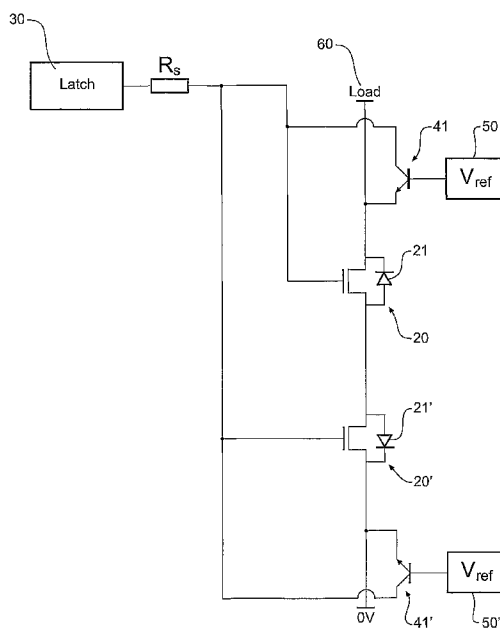
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(54) Title: CURRENT ZERO CROSSING DETECTOR IN A DIMMER CIRCUIT



(57) Abstract: A method and circuit for controlling the delivery of power having a current component to a load having an inductive component, the method comprising selectively switching power to the load with a switch, wherein the switch is caused to operate at the threshold of saturation during a conduction state such that the switch self commutates to its off state when the magnitude of the current through the load is substantially zero. The method and circuit may be used in a number of applications for detecting a current zero crossing and may be applied to circuits such as dimmer circuits.

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