

ABSTRACT

Optical cell control system

A control system for an optical cell (light valve) is provided which comprises a first (oscillator) circuit supplied by a low voltage power source and including a primary winding of an induction coil and a secondary (resonant) circuit which includes the optical cell and a secondary winding of the induction coil. The secondary circuit includes the inductance of the secondary winding and the optical cell, and the induction coil provides a weak coupling between the primary and secondary windings. The resonant circuit provides a large over-voltage coefficient and great stability and the configuration made possible by the invention facilitates a significant reduction in the bulk of the control system.

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