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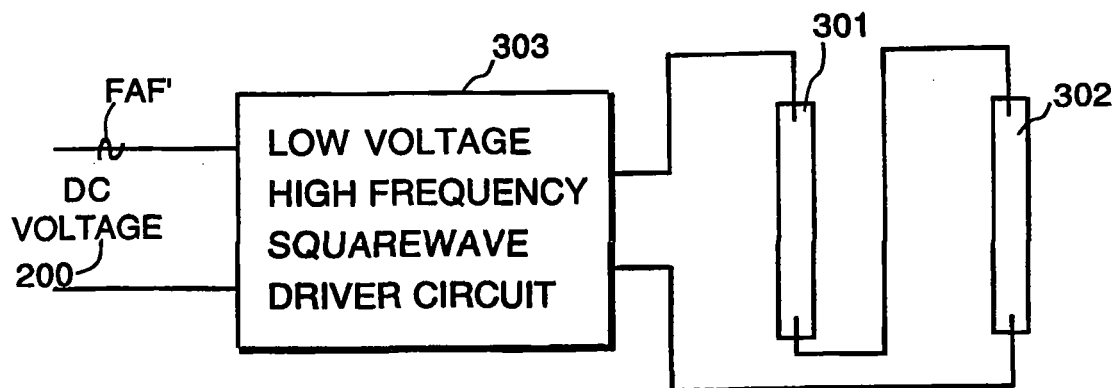
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(54) Title: LOW-VOLTAGE NON-THERMIONIC BALLAST-FREE FLUORESCENT LIGHT SYSTEM AND METHOD



(57) Abstract

A low voltage, non-thermionic, ballast free fluorescent lighting system includes a low voltage high frequency square wave driver circuit (303) connected to a source (200) and the output from the driver circuit (303) is directly applied to the electrodes of one or more fluorescent lamps (301, 302) so that the voltage on the electrodes reverses its polarity more rapidly than the pattern of electron and ion density in the gas can shift.

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