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hoven (NL).
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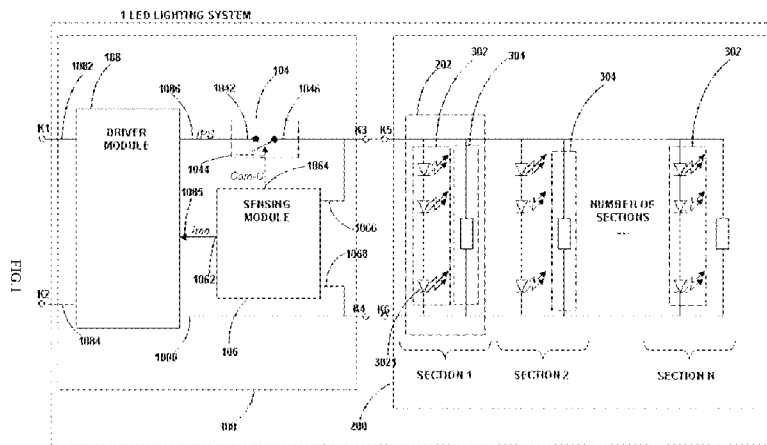
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(54) Title: POWER SUPPLY FOR LED LIGHTING SYSTEM



(57) Abstract: Embodiments relate to a LED lighting system comprising a power supply circuit for supplying a power supply current to a LED strip (200). The power supply circuit (100) includes input terminals (K1, K2) for receiving a power voltage from a power supply voltage, output terminals (K3, K4) connected to the input terminals of the LED strip (200), a sensing module (106) coupled between the output terminals (K3, K4) for measuring an impedance of the LED strip (200). The sensing module is adapted to drive a switch (104) and to transmit a measured impedance value to a driver module (108). The driver module (108) is adapted to generate the power supply current depending on the length of the LED strip (200), as reflected by the measured impedance value.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

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Further documents are listed in the continuation of Box C.

See patent family annex.

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Information on patent family members

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