

Title (en)
ELECTRONIC STARTER CIRCUITS FOR DISCHARGE LAMPS

Publication
EP 0011410 B1 19830601 (EN)

Application
EP 79302368 A 19791030

Priority
IL 5587578 A 19781106

Abstract (en)
[origin: EP0011410A1] An electronic starter circuit for a discharge lamp is provided. The lamp (8) has preheatable electrodes (10, 12), a pair of terminals of which electrodes are connectable to a pair of input terminals (2, 4) of an AC voltage source. The starter comprises a thyristor switch (16) connected in series to another pair of terminals of the lamp electrodes and an ignition circuit connected to the thyristor switch. The thyristor switch is controllable by the ignition circuit, which ignition circuit, upon actuation of the starter, repeatedly, for a predetermined number of cycles calculated by the characteristics and values of the ignition circuit elements to ensure a definite ignition of the lamp (8) under standard conditions, renders the thyristor switch (16) conductive. The ignition circuit cuts off the conduction of the thyristor switch upon the ignition of the lamp (8) or the termination of the predetermined number of cycles.

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IPC 8 full level
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GB2169760A; GB2120871A; EP0048137A1

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