

Title (en)

DRIVE CIRCUIT FOR A DISCHARGE TUBE AND A METHOD OF DRIVING A DISCHARGE TUBE

Title (de)

ANSTEUERSCHALTUNG FÜR EINE ENTLADUNGSRÖHRE UND VERFAHREN ZUM ANSTEUERN EINER ENTLADUNGSRÖHRE

Title (fr)

CIRCUIT D'ENTRAÎNEMENT POUR UN TUBE À DÉCHARGE ET PROCÉDÉ D'ENTRAÎNEMENT D'UN TUBE À DÉCHARGE

Publication

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Application

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Abstract (en)

[origin: WO2008129325A1] The drive circuit comprises a primary circuit and a secondary circuit, both arranged to deliver power to the discharge tube. The primary circuit comprises a first power supply and a first controller for controlling the delivery of power from the first power supply to the discharge tube. The secondary circuit comprises a power storage arrangement, and at least one second controller for controlling the discharge of the power storage arrangement. The second controller is arranged to selectively discharge the power storage arrangement at intervals determined by the first controller, such that the selective discharge maintains the voltage across the discharge tube above a threshold voltage necessary to maintain a discharge arc.

IPC 8 full level

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