

Title (en)

DRIVE CIRCUIT FOR A SWITCHABLE HEATING TRANSFORMER OF AN ELECTRONIC BALLAST AND CORRESPONDING METHOD

Title (de)

ANSTEUERSCHALTUNG FÜR EINEN SCHALTBAREN HEIZTRANSFORMATOR EINES ELEKTRONISCHEN VORSCHALTGERÄTS UND ENTSPRECHENDES VERFAHREN

Title (fr)

CIRCUIT DE COMMANDE D'UN TRANSFORMATEUR COMMUTABLE DE CHAUFFAGE D'UN APPAREIL ELECTRONIQUE DE PRE-COMMUTATION ET PROCEDE CORRESPONDANT

Publication

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Application

EP 06807557 A 20061026

Priority

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Abstract (en)

[origin: WO2007051751A1] The drive signal for a switchable heating transformer of an electronic ballast should be capable of being produced in a simple manner. For this purpose, the invention provides for an oscillating inverter voltage, which has a variable inverter frequency, to be tapped off, for example, at the half-bridge center point. The inverter frequency is then preferably converted into a drive signal by a charge pump (C1, C2, D1, D2). As a function of this drive signal, the heating transformer (HT) is switched. Synchronization with externally controlled sequence control of the electronic ballast is therefore also possible.

IPC 8 full level

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