

Title (en)

Improvements in frequency converter circuits for powering cold cathode fluorescent tubes.

Title (de)

Frequenzumsetzerschaltungen zur Versorgung von Kaltkathodenleuchtstofflampen.

Title (fr)

Circuits convertisseurs de fréquence alimentant des tubes fluorescents à cathode froide.

Publication

EP 0379729 A2 19900801 (EN)

Application

EP 89123995 A 19891227

Priority

IT 1918789 A 19890125

Abstract (en)

A frequency converter circuit for powering cold cathode fluorescent tubes comprising a circuit block (1) generating a square wave pulsed signal. This signal is used to power the primary winding (2) of a transformer (3) the secondary (4) of which is connected to at least one cold cathode fluorescent tube, said primary winding being connected to components (58, 63) connected to said circuit block (1), and which zero the mean value of said square wave pulsed signal.

IPC 1-7

H05B 41/29

IPC 8 full level

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CPC (source: EP)

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Cited by

DE4335375A1; DE4335375B4; EP1734561A3

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EP 0379729 A2 19900801; EP 0379729 A3 19901219; IT 1228394 B 19910614; IT 8919187 A0 19890125

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