

Title (en)

Circuit assembly for operating a fluorescent lamp.

Title (de)

Schaltungsanordnung für den Betrieb einer Leuchtstofflampe.

Title (fr)

Assemblage de circuit pour le fonctionnement d'une lampe fluorescente.

Publication

EP 0471331 B1 19950201 (DE)

Application

EP 91113562 A 19910813

Priority

DE 4025939 A 19900816

Abstract (en)

[origin: EP0471331A1] In a circuit assembly for operating a fluorescent lamp from an AC network, for example an aircraft on-board network, a switch (7), which a control circuit (8) periodically open at phase-shifted switching times for brightness control, is connected between two lamp electrodes (3, 4). In order to compensate for undesired brightness fluctuations, connected to the control circuit (8) is a measuring element (10) which shifts the switching times of the control circuit (8) suitably as a function of deviations from the network frequency and/or from the network voltage and/or of the brightness from nominal values. <IMAGE>

IPC 1-7

H05B 41/234

IPC 8 full level

H05B 41/232 (2006.01); **H05B 41/234** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/2325 (2013.01); **H05B 41/392** (2013.01)

Citation (examination)

DE 3025249 A1 19820128 - HELMUT ULRICH APPARATEBAU [DE]

Cited by

US5955847A; US5652481A; WO9711585A1; WO9711580A1; WO9711586A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0471331 A1 19920219; EP 0471331 B1 19950201; DE 4025939 A1 19920220; DE 4025939 C2 19940324; DE 59104466 D1 19950316

DOCDB simple family (application)

EP 91113562 A 19910813; DE 4025939 A 19900816; DE 59104466 T 19910813