

Title (en)

BALLAST FOR AT LEAST ONE PAIR OF GAS DISCHARGE LAMPS IN PARALLEL.

Title (de)

VORSCHALTGERÄT FÜR MINDESTENS EIN PARALLEL BETRIEBENES GASENTLADUNGSLAMPEN-PAAR.

Title (fr)

BALLAST POUR AU MOINS UNE PAIRE DE LAMPES LUMINESCENTES A GAZ FONCTIONNANT EN PARALLELE.

Publication

EP 0676121 A1 19951011 (DE)

Application

EP 93924069 A 19931028

Priority

- DE 4243955 A 19921223
- EP 9302995 W 19931028

Abstract (en)

[origin: WO9415444A1] A ballast for at least one pair of gas discharge lamps in parallel has a rectifier (G) to be connected to the a.c. mains and a converter (WR) connected downstream thereof. A series resonant circuit (LR, CR) is connected to the output of the converter. To the pair of lamps (L1, L2) is allocated a balancing transformer (TS1) having two counteraction windings (WS1, WS2). The two windings are interconnected at one end. The connection point is connected to that of the choke (LR) and of the resonant capacitor (CR) of the series resonant circuit. The other end of the two windings are connected to one electrode of the two lamps (L1, L2).

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 41/282 (2006.01); **H05B 41/38** (2006.01)

CPC (source: EP)

H05B 41/2827 (2013.01); **H05B 41/382** (2013.01)

Citation (search report)

See references of WO 9415444A1

Cited by

US6765354B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9415444 A1 19940707; AT E148297 T1 19970215; AU 5371594 A 19940719; DE 4243955 A1 19940630; DE 4243955 B4 20101118; DE 59305294 D1 19970306; EP 0676121 A1 19951011; EP 0676121 B1 19970122; ES 2097550 T3 19970401; FI 111791 B 20030915; FI 952655 A0 19950531; FI 952655 A 19950531; NO 308690 B1 20001009; NO 952517 D0 19950622; NO 952517 L 19950622; ZA 939579 B 19940811

DOCDB simple family (application)

EP 9302995 W 19931028; AT 93924069 T 19931028; AU 5371594 A 19931028; DE 4243955 A 19921223; DE 59305294 T 19931028; EP 93924069 A 19931028; ES 93924069 T 19931028; FI 952655 A 19950531; NO 952517 A 19950622; ZA 939579 A 19931221