

Title (en)

Ballast for operating at least one low-pressure discharge lamp

Title (de)

Vorschaltgerät zum Betrieb mindestens einer Niederdruckentladungslampe

Title (fr)

Ballast pour alimenter au moins une lampe à décharge basse-pression

Publication

EP 1286572 B1 20081029 (DE)

Application

EP 02011284 A 20020522

Priority

DE 10134966 A 20010723

Abstract (en)

[origin: US2003015974A1] The invention relates to a ballast for operating at least one low-pressure discharge lamp, preferably a three- or four-lamp ballast. In order for all parallel- or series-connected low-pressure discharge lamps (L40-L43) to shine equally bright even in the case of strong dimming, the ballast according to the invention has a transformer (Tr40) for balancing the currents in the lamp branch circuits and a transformer (Tr41) for compensating the losses owing to parasitic capacitances.

IPC 8 full level

H05B 41/282 (2006.01); **H05B 41/295** (2006.01)

CPC (source: EP US)

H05B 41/2827 (2013.01 - EP US)

Cited by

DE102010041618A1; DE102010041613A1; DE102010041632A1; WO2012041783A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003015974 A1 20030123; **US 6717371 B2 20040406**; AT E413086 T1 20081115; AT E459232 T1 20100315; CA 2394409 A1 20030123; DE 10134966 A1 20030206; DE 50212951 D1 20081211; DE 50214247 D1 20100408; EP 1286572 A2 20030226; EP 1286572 A3 20050119; EP 1286572 B1 20081029; EP 1915036 A1 20080423; EP 1915036 B1 20100224

DOCDB simple family (application)

US 19536202 A 20020716; AT 02011284 T 20020522; AT 08150534 T 20020522; CA 2394409 A 20020722; DE 10134966 A 20010723; DE 50212951 T 20020522; DE 50214247 T 20020522; EP 02011284 A 20020522; EP 08150534 A 20020522