

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 A3 20050119 (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 1-7

**H05B 41/282**; H05B 41/295

IPC 8 full level

**H05B 41/282** (2006.01)

CPC (source: EP US)

**H05B 41/2827** (2013.01 - EP US)

Citation (search report)

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**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

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