

Title (en)
Ballast with dimmer

Title (de)
Vorschaltgerät mit Dimmvorrichtung

Title (fr)
Ballast avec gradateur

Publication
EP 1705964 B1 20131106 (DE)

Application
EP 06004878 A 20060309

Priority
DE 102005013309 A 20050322

Abstract (en)
[origin: EP1705964A2] The ballast has a dim device comprising a saw tooth generator (STG) that produces a periodic signal for modulation of lamp current. The periodic signal produced by the generator is supplied to a clamping circuit (CL). The dim device adjusts the lamp current to control brightness of a low-pressure discharge lamp, where an output signal of the generator is synchronized with a phase position of the supply voltage. An independent claim is also included for a method for controlling the brightness of a low pressure discharge lamp.

IPC 8 full level
H05B 41/392 (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP US)
H05B 41/2988 (2013.01 - EP US); **H05B 41/3921** (2013.01 - EP US); **H05B 41/3927** (2013.01 - EP US); **Y10S 315/04** (2013.01 - EP US)

Designated contracting state (EPC)
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