

Title (en)
PARAMETERIZABLE DIGITAL PFC (POWER FACTOR CORRELATION)

Title (de)
PARAMETRISIERBARER DIGITALER PFC

Title (fr)
PFC NUMERIQUE PARAMETRABLE

Publication
EP 1872627 B1 20130522 (DE)

Application
EP 06723768 A 20060327

Priority
• EP 2006002791 W 20060327
• DE 102005018775 A 20050422

Abstract (en)
[origin: DE102005018775A1] The ballast has a power factor correction circuit controlled by an intermediate circuit voltage regulator. The circuit generates direct current intermediate circuit voltage supplied to a converter. A load circuit is attached to an output of the converter. A microcontroller (10) is assigned to the regulator, where external instructions are applied to the microcontroller, and the regulator has properties which depend on the instructions. Independent claims are also included for the following: (1) a method for operating an electronic ballast of a gas discharge lamp; (2) a computer software program product supporting a method of operating a gas discharge lamp.

IPC 8 full level
H05B 41/28 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)
H05B 41/28 (2013.01); **H05B 41/3921** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005018775 A1 20061026; AU 2006239627 A1 20061102; AU 2006239627 B2 20100204; CN 101164383 A 20080416; CN 101164383 B 20120704; EP 1872627 A2 20080102; EP 1872627 B1 20130522; EP 2296449 A1 20110316; EP 2296449 B1 20160316; WO 2006114175 A2 20061102; WO 2006114175 A3 20070111

DOCDB simple family (application)
DE 102005018775 A 20050422; AU 2006239627 A 20060327; CN 200680013015 A 20060327; EP 06723768 A 20060327; EP 10182614 A 20060327; EP 2006002791 W 20060327