

Title (en)
Ballast for a discharge lamp

Title (de)
EVG für Entladungslampe

Title (fr)
Ballast pour lampe à décharge

Publication
EP 1931181 B1 20110727 (FR)

Application
EP 07121725 A 20071128

Priority
FR 0610486 A 20061130

Abstract (en)
[origin: FR2909510A1] The ballast (BLST) has a direct current/direct current (DC/DC) voltage converter (Ccc) for supplying a rectified DC voltage (Vout) and including a transformer (TR1) that has main, secondary and auxiliary windings (n1-n3). The transformer supplies the rectified voltage. A voltage multiplier circuit (MU) of the converter supplies an ignition voltage (Vignit), where a voltage difference between the ignition and rectified voltages creates a starting voltage for a discharge lamp (LA).

IPC 8 full level
H05B 41/282 (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP)
H05B 41/042 (2013.01); **H05B 41/2822** (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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1931181 A1 20080611; **EP 1931181 B1 20110727**; AT E518408 T1 20110815; ES 2370269 T3 20111214; FR 2909510 A1 20080606; FR 2909510 B1 20090213

DOCDB simple family (application)
EP 07121725 A 20071128; AT 07121725 T 20071128; ES 07121725 T 20071128; FR 0610486 A 20061130