

Title (en)
ELECTRONIC BALLAST

Title (de)
ELEKTRONISCHES VORSCHALTGERÄT

Title (fr)
BALLAST ELECTRONIQUE

Publication
EP 1201106 A1 20020502 (DE)

Application
EP 00931065 A 20000420

Priority
• DE 19920030 A 19990426
• EP 0003584 W 20000420

Abstract (en)
[origin: WO0065886A1] The invention relates to an electronic ballast with pre-heating function for operating low pressure discharge lamps. Known electronic ballasts have a current inverter that provides at least one load circuit. Said load circuit comprises a discharge lamp and serial resonant circuit whose capacitor is connected parallel to the discharge lamp. The discharge lamp has heatable electrodes and a transformer whose primary winding is connected in series to the capacitor and whose two secondary windings are both connected in parallel to the electrodes. Said transformer is designed in such a manner that it quickly reaches the state of saturation once it is switched on.

IPC 1-7
H05B 41/298

IPC 8 full level
H05B 41/295 (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP)
H05B 41/295 (2013.01)

Citation (search report)
See references of WO 0065886A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0065886 A1 20001102; AT E233039 T1 20030315; AU 7193800 A 20001110; DE 19920030 A1 20001109; DE 50001296 D1 20030327; DK 1201106 T3 20030610; EP 1201106 A1 20020502; EP 1201106 B1 20030219; ES 2190969 T3 20030901

DOCDB simple family (application)
EP 0003584 W 20000420; AT 00931065 T 20000420; AU 7193800 A 20000420; DE 19920030 A 19990426; DE 50001296 T 20000420; DK 00931065 T 20000420; EP 00931065 A 20000420; ES 00931065 T 20000420