Title (en)

Starting booster device for discharge lamp

Title (de)

Boosterstarter für Entladungslampe

Title (fr)

Circuit d'amor age booster pour lampe à décharge

Publication

EP 1003355 A1 20000524 (EN)

Application

EP 98830678 A 19981110

Priority

EP 98830678 A 19981110

Abstract (en)

A starting device for inert gas-filled tubes and the like, comprising at least one first section and one second section (2, 3) for boosting the mains AC supply voltage, whose output is connected to at least one inert gas-filled tube (6) to be supplied; its particularity consists of the fact that it comprises voltage rectifier means (4) which are arranged between the supply mains and the first and second booster sections and are connected to the terminals of the at least one tube to be supplied, means (24-27) for insulating the first and second booster sections after the tube has been started being provided in order to allow a high power factor of the device. <IMAGE>

IPC 1-7

H05B 41/00

IPC 8 full level

H05B 41/16 (2006.01)

CPC (source: EP)

H05B 41/16 (2013.01)

Citation (search report)

- [X] WO 9502311 A1 19950119 - KADESUM LIMITED [GB], et al
- [E] US 5856916 A 19990105 - BONNET ANDRE [FR]
- [A] CN 1110464 A 19951018 - JIANG YUHONG [CN]

Cited by

WO02063931A1

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)

EP 1003355 A1 20000524

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