

Title (en)

Electronic ballast with inrush current limitation

Title (de)

Elektronisches Vorschaltgerät mit Einschaltstrombegrenzung

Title (fr)

Ballast électronique avec limitation du courant d'appel

Publication

EP 0973359 B1 20040825 (DE)

Application

EP 99111406 A 19990611

Priority

DE 19830368 A 19980707

Abstract (en)

[origin: EP0973359A2] The inverter (2) has a converter network (T1/1, T1/2, C1, SW3, SW4), arranged between a DC voltage potential (U+) or reference potential (Uref), with two bridge branches, which in a stationary condition are put through alternatively on the reference potential. Also the switch network is formed by limiting the switched ON current by a limit resistance (R1) which lies in series with the storage capacitor (C2), with a further connection at reference potential. The connecting point of the storage capacitor is coupled with limit resistance with the two bridge branches of the converter network.

IPC 1-7

H05B 41/285; H02H 9/00

IPC 8 full level

H02H 9/00 (2006.01); **H05B 41/285** (2006.01)

CPC (source: EP US)

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