

Title (en)

ARRANGEMENT FOR SWITCHING OFF AN INVERTER

Publication

EP 0111929 B1 19870401 (DE)

Application

EP 83112842 A 19831220

Priority

DE 3247863 A 19821223

Abstract (en)

[origin: US4616158A] A shut-off device is provided for an inverter which feeds at least one discharge lamp, the shut-off device operable to shut-off the inverter in limiting cases and remaining in this condition until a lamp replacement. The shut-off device flips into its normal condition when a holding current in a monitoring circuit falls below a flyback limit value. In order to keep the losses as low as possible, the monitoring circuit is dimensioned high-resistant and a separate holding circuit is provided, the separate holding circuit having a controlled dependency on the low control current in the monitoring circuit. In the disconnect case, the control current also suffices to hold the shut-off device in the disconnect condition when an electrode is broken.

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 41/24 (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP US)

H05B 41/2985 (2013.01 - EP US)

Cited by

EP0466245A3; EP0558772A1; EP0158072A1; EP1189487A3; WO0197574A3; WO2007119189A1

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