

Title (en)

Ballast with power commutation

Title (de)

Vorschaltgerät mit Leistungsumschaltung

Title (fr)

Ballast doté d'une commutation de puissance

Publication

EP 1962565 B1 20110608 (DE)

Application

EP 07019688 A 20071009

Priority

DE 102007008395 A 20070221

Abstract (en)

[origin: EP1962565A1] The ballast (1) has half bridge inverters (4, 8) provided with a frequency-control input (17), and a line circuit (26) e.g. mechanical single-pole switch, for activating or deactivating a resonance capacitor (25). An evaluating circuit (18) detects activation or deactivation of the resonance capacitor and influences the frequency-control input. The inverters are operated with operating frequencies and switched between the operating frequencies. The line circuit switches the inverters from one operating frequency to another operating frequency.

IPC 8 full level

H05B 41/42 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/2828 (2013.01); **H05B 41/3925** (2013.01)

Cited by

CN106559951A

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DOCDB simple family (publication)

EP 1962565 A1 20080827; **EP 1962565 B1 20110608**; AT E512569 T1 20110615; DE 102007008395 A1 20080828; ES 2364585 T3 20110907

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