

Title (en)

LED LAMP ARRANGEMENT FOR REPLACING A FLUORESCENT LAMP

Title (de)

LED-LAMPENANORDNUNG ZUM ERSETZEN EINER LEUCHTSTOFFLAMPE

Title (fr)

AGENCEMENT DE LAMPE À DEL DESTINÉE À REMPLACER UNE LAMPE FLUORESCENTE

Publication

EP 3376829 B1 20201021 (EN)

Application

EP 18152634 A 20180119

Priority

EP 17160657 A 20170313

Abstract (en)

[origin: EP3376829A1] An LED lamp arrangement (1) for replacing a fluorescent lamp suitable to be energized by a magnet ballast or an electronic ballast. The LED lamp arrangement has a rectifier circuit (4, 5) and an LED circuit (8) having a plurality of groups of LEDs (9, 10, 11, 12, 13) switchable between at least a first circuit configuration and a second circuit configuration. The LED lamp arrangement further has an auxiliary circuit (31), which defines a conductive path connected in parallel with the plurality of groups of LEDs in the second circuit configuration. The LED lamp arrangement (1) is arranged to bypass the groups of LEDs and charges a capacitor (39) in the conductive path when the LED lamp arrangement 1 receives the series of bursts, and to discharge the capacitor (39) during a time interval between the series of bursts.

IPC 8 full level

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