

Title (en)

Circuit arrangement for operating parallel-connected gas-discharge lamps, in particular HID lamps

Title (de)

Schaltungsanordnung zum Betreiben von parallel geschalteten Entladungslampen, insbesondere von Hochdruck-Entladungslampen

Title (fr)

Agencement de circuit pour le fonctionnement de lampes à décharge de gaz connectées en parallèle, en particulier des lampes HID

Publication

EP 2066152 A1 20090603 (EN)

Application

EP 08168469 A 20081106

Priority

DE 102007054805 A 20071116

Abstract (en)

The invention relates to a circuit arrangement for operating at least two gas-discharge lamps (LA1, LA2), in particular HID lamps with power consumption differing from one another, wherein each lamp (LA1, LA2) is situated in a parallel branch (PZ1, PZ2) and is connected in series with an inductor (L1, L2). In order to guarantee that differing power consumptions of the lamps (LA1, LA2) have as little interfering effect on one another as possible, it is proposed that at least the inductors (L1, L2) are produced and/or selected in such a way that their inductance values are the same, within predetermined tolerance limits.

IPC 8 full level

H05B 41/24 (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP)

H05B 41/2881 (2013.01)

Citation (applicant)

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Citation (search report)

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DOCDB simple family (publication)

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