Title (en)

CIRCUIT FOR AN LED ARRAY

Title (de)

SCHALTUNGSANORDNUNG FÜR EIN LED-ARRAY

Title (fr)

CIRCUIT POUR MATRICE DE DEL

Publication

EP 1449408 B2 20110831 (DE)

Application

EP 02803750 A 20021126

Priority

- DE 0204329 W 20021126
- DE 10157645 A 20011126
- DE 10242365 A 20020912

Abstract (en)

[origin: WO03047314A1] The invention relates to a circuit for an LED array, comprising at least two parallel LED chains (LK1, LK2, LK3), in which at least one LED (2) is respectively arranged, at least two LEDs (2) being mounted in series. The anode side of the LED chains (LK1, LK2, LK3) can be respectively coupled to the plus pole of a supply voltage (UV) and the cathode side can be respectively coupled to the minus pole of the supply voltage (UV). A regulating device (RA1, RA2, RA3), used to regulate a provided current distribution between the individual LED chains, is respectively mounted in series with each LED chain (LK1, LK2, LK3).

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/46 (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US); H05B 45/52 (2020.01 - EP US); H05B 45/54 (2020.01 - EP US); Y10S 362/80 (2013.01 - EP US)

Citation (opposition)

Opponent :

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DE102008039526A1; DE102008039526B4; WO2011107138A1; DE102012000605A1; US8907569B2; US10440786B1

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