

Title (en)

INTERCONNECTED ARRANGEMENT OF INDIVIDUAL MODULES HAVING AT LEAST ONE LIGHT-EMITTING DIODE CHIP

Title (de)

VERSCHALTETE ANORDNUNG VON WENIGSTENS EINEN LEUCHTDIODENCHIP AUFWEISENDEN EINZELMODULEN

Title (fr)

DISPOSITION EN CIRCUIT DE MODULES INDIVIDUELS PRESENTANT AU MOINS UNE PUCE A DIODE LUMINEUSE

Publication

EP 1969904 B1 20090902 (DE)

Application

EP 06829898 A 20061229

Priority

- EP 2006012591 W 20061229
- DE 102006000810 A 20060103

Abstract (en)

[origin: US2009051301A1] An interconnected arrangement of a light-emitting diode chip arrangement having individual modules as luminous elements in a parallel circuit. Each module is provided with at least one light-emitting diode chip, and the modules are arranged in a parallel circuit. A respective linear constant current circuit connects each light-emitting diode chip arrangement to a common, current-carrying voltage source. At the start of an operation, the voltage source continuously increases the supply voltage over an operating range assigned to it. When a constant total current flowing over the parallel circuit is reached, the current-carrying voltage source fixes the associated supply voltage and maintains it unaltered.

IPC 8 full level

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CPC (source: EP US)

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