

Title (en)
Array of light emitting diodes

Title (de)
Leuchtdiodenfeld

Title (fr)
Matrice de diodes électroluminescentes

Publication
EP 1583399 A2 20051005 (EN)

Application
EP 05251845 A 20050324

Priority
GB 0407574 A 20040403

Abstract (en)
The invention concerns LED arrays of the type in which one or more "strings" of LEDs such as 6 are series connected across a potential difference as at 8, 10. To compensate for changes in forward voltage of individual LEDs 4, and/or for supply voltage variations, a switching means (which may be formed as a transistor T2, T3) is provided for selectively removing one or more LEDs from the strings. This can for example be done by selectively shorting the chosen LEDs.

IPC 1-7
H05B 33/08

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
H05B 45/395 (2020.01 - US); **H05B 45/44** (2020.01 - EP); **H05B 45/36** (2020.01 - US); **H05B 45/46** (2020.01 - EP); **H05B 45/48** (2020.01 - EP)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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