

Title (en)

LED DRIVER CIRCUIT AND METHOD OF CONTROLLING LED DRIVER CIRCUIT

Title (de)

LED-TREIBERSCHALTUNG UND VERFAHREN ZUR STEUERUNG DER LED-TREIBERSCHALTUNG

Title (fr)

CIRCUIT DE PILOTAGE DE LED ET MÉTHODE DE COMMANDE DE CIRCUIT DE PILOTAGE DE LED

Publication

**EP 3086377 B1 20190814 (EN)**

Application

**EP 13899599 A 20131217**

Priority

JP 2013083706 W 20131217

Abstract (en)

[origin: EP3086377A1] A controlling part of an LED driver circuit controls a first switch element with a first on-duty ratio if a first terminal voltage is lower than a preset first upper limit value, controls the first switch element with a second on-duty ratio smaller than the first on-duty ratio if the first terminal voltage reaches the first upper limit value, controls a second switch element with a third on-duty ratio if a second terminal voltage is lower than a preset second upper limit value, and controls the second switch element with a fourth on-duty ratio smaller than the third on-duty ratio if the second terminal voltage reaches the second upper limit value.

IPC 8 full level

**H05B 44/00** (2022.01)

CPC (source: EP US)

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