

Title (en)

ELECTRONIC DISCHARGE ROYER OSCILLATOR

Title (de)

ROYER-OSZILLATOR MIT ELEKTRONISCHEN ENTLADUNGEN

Title (fr)

OSCILLATEUR DE ROYER A ELECTRONIQUE DE DECHARGE

Publication

**EP 1854200 A2 20071114 (FR)**

Application

**EP 06708538 A 20060227**

Priority

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- FR 0502064 A 20050301

Abstract (en)

[origin: WO2006092390A2] The invention concerns mainly the field of illuminated light boxes used for illuminating viewing screens and optical valve display, in particular for liquid crystal matrix displays also known as LCD's. The light sources used are generally fluorescent tubes powered in high voltage by devices comprising electronic Royer oscillators. Said electronic oscillators do not enable high luminance dynamics to be easily achieved, which may be required for certain applications. The inventive oscillator comprises an electronic device for discharging stored electrical power, said discharge device being controlled by an electronic chopping modulation control device, thereby enabling high luminance dynamics to be achieved. The invention provides several embodiments.

IPC 8 full level

**H02M 7/538** (2007.01)

CPC (source: EP US)

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Citation (search report)

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